

|                                                                                                    |  |                                                |                                                                  |                                                                                                                                       |                       |                                                    |
|----------------------------------------------------------------------------------------------------|--|------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------|
| <b>SOLICITATION, OFFER AND AWARD</b>                                                               |  |                                                | <b>1. This Contract Is A Rated Order Under DPAS (15 CFR 700)</b> |                                                                                                                                       | <b>Rating</b><br>DOA6 | <b>Page</b> 1 <b>of</b> 103                        |
| <b>2. Contract No.</b>                                                                             |  | <b>3. Solicitation No.</b><br>W52P1J-05-R-0010 |                                                                  | <b>4. Type of Solicitation</b><br>Negotiated (RFP)                                                                                    | <b>5. Date Issued</b> | <b>6. Requisition/Purchase No.</b><br>SEE SCHEDULE |
| <b>7. Issued By</b><br>HQ AFSC<br>AMSFS-CCA-F<br>ROCK ISLAND, IL 61299-6500<br><br>BLDGS 350 & 390 |  |                                                | <b>Code</b><br>W52P1J                                            | <b>8. Address Offer To (If Other Than Item 7)</b><br>HQ AFSC CONTRACTING & PARC CENTER<br>ATTN AMSFS-CC<br>ROCK ISLAND, IL 61299-6500 |                       |                                                    |

**SOLICITATION** NOTE: In sealed bid solicitations 'offer' and 'offeror' mean 'bid' and 'bidder'.

**9. Sealed offers in original and 1 signed copies for furnishing the supplies or services in the Schedule will be received at the place specified in item 8, or if handcarried, in the depository located in AMSFS-CC BLDG 350 CONTRACTING CTR until \_\_\_\_\_ (hour) local time \_\_\_\_\_ (Date).**

**Caution - Late Submissions, Modifications, and Withdrawals: See Section L, Provision No. 52.214-7 or 52.215-1. All offers are subject to all terms and conditions contained in this solicitation.**

|                                  |                                                                               |                                                                              |
|----------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| <b>10. For Information Call:</b> | <b>Name</b> KRISTIN ENGELKEN<br><b>E-mail address:</b> ENGELKEN@AFSC.ARMY.MIL | <b>Telephone No. (Include Area Code) (NO Collect Calls)</b><br>(309)782-3491 |
|----------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------------|

**11. Table Of Contents**

| (X)                          | Section | Description                           | Page(s) | (X)                                                                  | Section | Description                                                       | Page(s) |
|------------------------------|---------|---------------------------------------|---------|----------------------------------------------------------------------|---------|-------------------------------------------------------------------|---------|
| <b>Part I - The Schedule</b> |         |                                       |         | <b>Part II - Contract Clauses</b>                                    |         |                                                                   |         |
| X                            | A       | Solicitation/Contract Form            | 1       | X                                                                    | I       | Contract Clauses                                                  | 60      |
| X                            | B       | Supplies or Services and Prices/Costs | 5       | <b>Part III - List Of Documents, Exhibits, And Other Attachments</b> |         |                                                                   |         |
| X                            | C       | Description/Specs./Work Statement     | 7       | X                                                                    | J       | List of Attachments                                               | 77      |
| X                            | D       | Packaging and Marking                 | 37      | <b>Part IV - Representations And Instructions</b>                    |         |                                                                   |         |
| X                            | E       | Inspection and Acceptance             | 43      | X                                                                    | K       | Representations, Certifications, and Other Statements of Offerors | 78      |
| X                            | F       | Deliveries or Performance             | 52      |                                                                      |         |                                                                   |         |
|                              | G       | Contract Administration Data          |         | X                                                                    | L       | Instr., Conds., and Notices to Offerors                           | 87      |
| X                            | H       | Special Contract Requirements         | 57      | X                                                                    | M       | Evaluation Factors for Award                                      | 98      |

**OFFER (Must be fully completed by offeror)**

**NOTE: Item 12 does not apply if the solicitation includes the provisions at 52.214-16, Minimum Bid Acceptance Period.**

**12. In compliance with the above, the undersigned agrees, if this offer is accepted within \_\_\_\_\_ calendar days (60 calendar days unless a different period is inserted by the offeror) from the date for receipt of offers specified above, to furnish any or all items upon which prices are offered at the price set opposite each item, delivered at the designated point(s), within the time specified in the schedule.**

**13. Discount For Prompt Payment**  
(See Section I, Clause No. 52.232-8)

**14. Acknowledgment of Amendments (The offeror acknowledges receipt of amendments to the Solicitation for offerors and related documents numbered and dated:**

| Amendment Number | Date | Amendment Number | Date |
|------------------|------|------------------|------|
|                  |      |                  |      |
|                  |      |                  |      |

|                                                                                                                                         |             |                 |                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|------------------------------------------------------------------------------|
| <b>15A. Contractor/Offeror/Quoter</b>                                                                                                   | <b>Code</b> | <b>Facility</b> | <b>16. Name and Title of Person Authorized to Sign Offer (Type or Print)</b> |
| <b>15B. Telephone Number (Include Area Code)</b>                                                                                        |             |                 | <b>17. Signature</b>                                                         |
| <b>15C. Check if Remittance Address is</b><br><input type="checkbox"/> <b>Different From Blk 15A-<br/>Furnish Such Address In Offer</b> |             |                 | <b>18. Offer Date</b>                                                        |

**AWARD (To be completed by Government)**

|                                                                                                                                                                    |                   |                                                                                         |             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------|-------------|
| <b>19. Accepted As To Items Numbered</b>                                                                                                                           | <b>20. Amount</b> | <b>21. Accounting And Appropriation</b>                                                 |             |
| <b>22. Authority For Using Other Than Full And Open Competition:</b><br><input type="checkbox"/> 10 U.S.C. 2304(c)( ) <input type="checkbox"/> 41 U.S.C. 253(c)( ) |                   | <b>23. Submit Invoices To Address Shown In</b><br>(4 copies unless otherwise specified) | <b>Item</b> |
| <b>24. Administered By (If other than Item 7)</b> <b>Code</b>                                                                                                      |                   | <b>25. Payment Will Be Made By</b> <b>Code</b>                                          |             |
| <b>SCD</b> <b>PAS</b> <b>ADP PT</b>                                                                                                                                |                   | <b>27. United States Of America</b><br><br>_____<br>(Signature of Contracting Officer)  |             |
| <b>26. Name of Contracting Officer (Type or Print)</b>                                                                                                             |                   | <b>28. Award Date</b>                                                                   |             |

**IMPORTANT - Award will be made on this Form, or on Standard Form 26, or by other authorized official written notice.**

|                           |                                                                                                          |                             |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page</b> 2 <b>of</b> 103 |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------|

**Name of Offeror or Contractor:**

SECTION A - SUPPLEMENTAL INFORMATION

For Local Clauses See: <http://www.afsc.army.mil/ac/aais/ioc/clauses/index.htm>

|     | <u>Regulatory Cite</u> | <u>Title</u>      | <u>Date</u> |
|-----|------------------------|-------------------|-------------|
| A-1 | 52.252-4500<br>LOCAL   | FULL TEXT CLAUSES | SEP/1997    |

1. This contract incorporates one or more clauses and provisions by reference, with the same force and effect as if they were set forth in full text. Upon request the Contracting Officer will make their full text available.
2. The entire body of full text regulatory and command unique clauses and provisions will no longer be included in solicitations or contracts. These clauses and provisions have the same force and effect as if the entire full text was included in the solicitation/contract. Where text has been incorporated by reference three asterisks are put in its place (\*\*\*).
3. You can view or obtain a copy of the clauses and provisions on the internet at: [www.osc.army.mil/ac/aais/ioc/clauses/index.htm](http://www.osc.army.mil/ac/aais/ioc/clauses/index.htm). Click on command unique first to locate the clause. If it is not located under command unique click on regulatory to find.
4. All full text clauses have a 6 or 7 as the third digit of the clause number (i.e. AS7000).

(End of clause)

(AS7001)

|     |                   |
|-----|-------------------|
| A-2 | EXECUTIVE SUMMARY |
|-----|-------------------|

1. REQUEST FOR PROPOSAL (RFP) NUMBER W52P1J-05-R-0010 IS HEREBY ISSUED ON A FULL AND OPEN COMPETITION BASIS FOR ESTABLISHMENT OF A SMALL CALIBER AMMUNITION SECOND SOURCE PRIME CONTRACTOR. INTERESTED PARTIES ARE ENCOURAGED TO SUBMIT COMMENTS/QUESTIONS REGARDING THIS SOLICITATION, IN WRITING, TO THE CONTRACT SPECIALIST, KRISTIN ENGELKEN AT, KRISTIN.L.ENGELKEN@US.ARMY.MIL, OR ATTN: AMSFS-CCA-F, 1 ROCK ISLAND ARSENAL, ROCK ISLAND, IL 61299. THE CLOSING DATE FOR RECEIPT OF PROPOSALS IN RESPONSE TO THIS SOLICITATION IS 18 FEBRUARY 2005. OFFERORS MAY SUBMIT ONE (1) RESPONSE TO BE EVALUATED.
2. OFFERORS ARE ADVISED THAT A BEST VALUE APPROACH SHALL BE UTILIZED TO EVALUATE THOSE PROPOSALS SUBMITTED IN RESPONSE TO THIS SOLICITATION. PRICE AND NON-PRICE RELATED FACTORS, I.E. TECHNICAL/MANAGEMENT, PAST PERFORMANCE, AND SMALL BUSINESS UTILIZATION SHALL BE THOSE EVALUATION FACTORS TO BE EMPLOYED. UNDER THIS BEST VALUE METHODOLOGY, THE GOVERNMENT IS NOT BOUND TO MAKE AN AWARD TO THE LOWEST-PRICED EVALUATED OFFER.
3. IT IS CONTEMPLATED THAT SUBSEQUENT TO THE EVALUATION OF PROPOSALS SUBMITTED IN RESPONSE TO THIS SOLICITATION, A 60 MONTH (FIVE YEAR) BASIC ORDERING AGREEMENT WILL BE AWARDED THAT WILL ALLOW FOR THE ISSUANCE OF FIRM FIXED PRICED (FFP) DELIVERY ORDERS. THIS CONTRACT WILL SUPPLEMENT THE ARMY'S PURCHASE OF SMALL CALIBER AMMUNITION THAT IS PRODUCED AT THE LAKE CITY ARMY AMMUNITION PLANT (LCAAP), BY A PRIVATE CONTACTOR.
4. SUBJECT TO AVAILABILITY OF CERTIFIED PROGRAM AUTHORITY AND FUNDS, THE GOVERNMENT CONTEMPLATES ISSUANCE OF FIRM FIXED PRICE (FFP) DELIVERY ORDER 0001 CONCURRENTLY WITH THE BASIC ORDERING AGREEMENT TO BE AWARDED AS THE RESULT OF THIS SOLICITATION. THE DODICS AND QUANTITY REQUIREMENTS THAT ARE TENTATIVELY ENVISIONED FOR AWARD ON DELIVERY ORDER 0001 ARE IDENTIFIED IN C-8, PARAGRAPH 3.1 HEREIN.
5. ONE OFFEROR WILL BE SELECTED AS THE AWARDEE OF THIS CONTRACT.
6. QUANTITY REQUIREMENTS FOR EACH OF THE SIX GOVERNMENT FISCAL YEAR (HEREIN AFTER REFERRED TO AS FISCAL YEAR OR FY) ORDERING PERIODS DURING WHICH THE GOVERNMENT MAY AWARD DELIVERY ORDERS/DELIVERY ORDER MODIFICATIONS SHALL BE 0-500,000,000 TOTAL UNITS. A VARIETY OF CARTRIDGE FAMILIES AND CONFIGURATIONS MIXES MAY BE PROCURED.
7. ALL PROVISIONS SPECIFIED ARE OBLIGATORY FOR THE PRIME CONTRACTOR. THE PRIME CONTRACTOR IS RESPONSIBLE FOR ENFORCING PROVISIONS UPON ANY SUPPLIERS/VENDORS PROPOSED.
8. THE SUCCESSFUL OFFERORS PROPOSAL IN RESPONSE TO THIS SOLICITATION WILL BE IMPLEMENTED AT THE TIME OF THE AWARD AND WILL BE INCORPORATED AS PART OF THE AWARD DOCUMENT. THE OFFERORS PROPOSAL WILL THEREFORE BE A MATERIAL TERM OF THIS CONTRACT AND FAILURE TO FULLY IMPLEMENT IT COULD RESULT IN TERMINATION. NO REVISIONS/CHANGES TO THE OFFERORS PROPOSAL MAY BE MADE WITHOUT PRIOR APPROVAL OF THE CONTRACTING OFFICER.
9. APPROVAL TO USE LAKE CITY ARMY AMMUNITION PLANT (LCAAP) AS A PLACE OF PERFORMANCE, AND/OR APPROVAL TO USE GOVERNMENT PROPERTY AND

|                                                 |                                                                                                                                                    |                                                      |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| <p align="center"><b>CONTINUATION SHEET</b></p> | <p align="center"><b>Reference No. of Document Being Continued</b></p> <p align="center"><b>PIIN/SIIN</b> W52P1J-05-R-0010      <b>MOD/AMD</b></p> | <p align="right"><b>Page</b>   3   <b>of</b> 103</p> |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|

**Name of Offeror or Contractor:**

EQUIPMENT ON LCAAP, WILL NOT BE GRANTED BY THE GOVERNMENT FOR USE ON THIS CONTRACT. HOWEVER, ANY ARMAMENT RETOOLING MANUFACTURING SUPPORT (ARMS) RELATED EQUIPMENT ON LCAAP IS ACCEPTABLE FOR USE ON THIS CONTRACT AS LONG AS THE APPROPRIATE ARMS APPROVALS AND HAVE BEEN GRANTED. GOVERNMENT OWNED PROPERTY THAT IS NOT LOCATED AT LCAAP MAY BE AUTHORIZED FOR USE ON THIS CONTRACT PROVIDED PERMISSION FROM THE COGNIZANT U.S. GOVERNMENT CONTRACTING OFFICER IS OBTAINED AND PROVIDED WITH THE OFFEROR'S PROPOSAL IN RESPONSE TO THIS SOLICITATION.

10. THE OFFEROR SHALL PROPOSE PRICING USING THE TWO BIDDING TEMPLATES IN SECTION J, ATTACHMENT 011 and 012. ONE BIDDING TEMPLATE INCLUDES FIRST ARTICLE ACCEPTANCE TEST (FAAT) COSTS AND THE OTHER BIDDING TEMPLATE DOES NOT INCLUDE FAAT COSTS. IN COMPLETING THE BIDDING TEMPLATES, THE OFFEROR SHALL PROPOSE UP TO FOUR (4) RANGES FOR EACH OF THE DODICs SPECIFIED FOR EACH OF THE SIX (6) FY ORDERING PERIODS INCLUDED IN THE FIVE-YEAR CONTRACT CONTEMPLATED TO BE AWARDED AS THE RESULT OF THIS SOLICITATION. REQUIREMENTS UNDER THIS CONTRACT WILL BE AWARDED ON A FISCAL YEAR (FY) BASIS. DURING EACH FISCAL YEAR, FY05 THROUGH FY10, THE GOVERNMENT MAY AWARD UP TO 500M ROUNDS OF THE DODICs IDENTIFIED IN SECTION C, C-8, PARAGRAPH 3.11. THE PERIOD UNDER WHICH THE GOVERNMENT MAY PLACE A DELIVERY ORDER UNDER A GIVEN FISCAL YEAR IS AS FOLLOWS:

- FY 05    AWARD OF CONTRACT TO 30 SEP 05
- FY 06    1 OCT 05 THROUGH 30 SEP 06
- FY 07    1 Oct 06 THROUGH 30 SEP 07
- FY 08    1 Oct 07 THROUGH 30 SEP 08
- FY 09    1 Oct 08 THROUGH 30 SEP 09
- FY 10    1 Oct 09 THROUGH 5TH ANNIVERSARY OF CONTRACT AWARD

OFFERORS ARE ENCOURAGED TO SPECIFY RANGES THAT ACCURATELY REFLECT OPTIMUM/ECONOMIC PRODUCTION QUANTITIES. THESE RANGES SHALL BE BETWEEN THE MINIMUM (0 UNITS PER CONTRACT YEAR) AND A MAXIMUM ORDER QUANTITY FOR EACH DODIC FOR EACH CONTRACT YEAR AS SPECIFIED BELOW. ADDITIONALLY, WHEN COMPLETING THE BIDDING TEMPLATES, THE OFFERORS WILL PROPOSE FOB DESTINATION UNIT SHIPPING PRICES FOR A PRIMARY AND THREE (3) ALTERNATE DESTINATIONS FOR EACH DODIC, FOR EACH RANGE AND FOR EACH YEAR. THE GOVERNMENT WILL EVALUATE PROPOSED UNIT SHIPPING PRICES FOR ALL FOUR (4) DESTINATIONS. SEE SECTION M, PRICE, FOR COMPLETE INFORMATION REGARDING PRICE EVALUATION. INSTRUCTIONS FOR COMPLETION OF THE BIDDING TEMPLATES CAN BE FOUND AT SECTION J, ATTACHMENT 010.

| DODIC          | MAXIMUM QUANTITY<br>PER PROGRAM YEAR |
|----------------|--------------------------------------|
| A059           | 170,000,000                          |
| A062           | 85,000,000                           |
| A063           | 41,000,000                           |
| A064           | 100,000,000                          |
| A075           | 124,000,000                          |
| A080           | 175,000,000                          |
| AA33           | 134,000,000                          |
| A111(w/o BAND) | 120,000,000                          |
| A111(w/BAND)   | 60,000,000                           |
| A131           | 121,000,000                          |
| A143           | 26,000,000                           |
| A555           | 10,000,000                           |
| A557           | 34,000,000                           |
| A576           | 9,000,000                            |
| A598           | 12,000,000                           |

NOTE: NOTWITHSTANDING THE MAXIMUM QUANTITIES IDENTIFIED ABOVE, FOR DELIVERY ORDERS UP TO 300M ROUNDS, THE MAXIMUM QUANTITY THAT MAY BE AWARDED BY CARTRIDGE FAMILY IS:

- 5.56MM    -   250M
- 7.62MM    -   170M
- .50 CAL    -   40M

IF TOTAL QUANTITIES PROCURED WITHIN ONE FISCAL YEAR EXCEED THE 300M ROUND REQUIREMENT, THE TOTAL MAXIMUM QUANTITIES INDICATED IN THE PRICING MATRIX WILL APPLY UP TO THE TOTAL QUANTITY OF 500M ROUNDS. (5.56MM 450M; 7.62MM 267M; .50 CAL 65M).

UNIT PRICES IN THE MATRICES WILL BE EFFECTIVE FOR EACH FY ORDERING PERIOD. DELIVERY ORDERS PLACED AGAINST THE CONTRACT WILL REFLECT THE APPLICABLE UNIT PRICE FOR THE CUMULATIVE QUANTITIES AWARDED AT THE TIME THE DELIVERY ORDER IS PLACED. ALL PREVIOUS AWARDS DURING THAT FY ORDERING PERIOD WILL BE MODIFIED AS APPROPRIATE TO REFLECT THE CUMULATIVE QUANTITY UNIT PRICES. SUCH MODIFICATIONS OF PREVIOUS AWARDS MAY BE INCORPORATED INTO THE CONTRACT AT ANY TIME.

11. IN ACCORDANCE WITH FAR 52.217-5, THE GOVERNMENT WILL EVALUATE PROPOSED PRICES INCLUDING PRICES PROPOSED IN FY ORDERING PERIODS 2-6. INTERRUPTION IN AWARDS DURING FY ORDERING PERIODS 2-6 DOES NOT CANCEL THE GOVERNMENT'S RIGHT TO EXERCISE AWARD OF DELIVERY ORDERS/MODIFICATIONS THERETO IN SUBSEQUENT YEARS. IN THE AWARD PHASE THE GOVERNMENT WILL NOT RE-EVALUATE PRICES. THE PRICES EVALUATED

|                    |                                           |         |               |
|--------------------|-------------------------------------------|---------|---------------|
| CONTINUATION SHEET | Reference No. of Document Being Continued |         | Page 4 of 103 |
|                    | PIIN/SIIN W52P1J-05-R-0010                | MOD/AMD |               |

Name of Offeror or Contractor:

IN THE DETERMINATION OF THE SUCCESSFUL OFFEROR WILL BE THE PRICES USED FOR THE LIFE OF THE CONTRACT. EVALUATION OF ALL FY ORDERING PERIOD PROPOSED PRICES WILL NOT OBLIGATE THE GOVERNMENT TO EXERCISE ANY DELIVERY ORDERS UTILIZING THOSE PROPOSED PRICES

12. NO EARLY DELIVERIES WILL BE ALLOWED WITHOUT PRIOR AUTHORIZATION OF THE PROCURING CONTRACTING OFFICER.
13. THIS ITEM IS CONSIDERED TO BE SENSITIVE AMMUNITION/EXPLOSIVES AND REQUIRES A PHYSICAL SAFETY AND SECURITY PRE-AWARD SURVEY BE COMPLETED AT THE APPLICABLE PLACE(S) OF PERFORMANCE, WHICH AT A MINIMUM SHALL ADDRESS SAFETY AND SECURITY CONSIDERATIONS.
14. AT THE COMPLETION OF THE CONTRACT OR IF NO CONTRACT IS AWARDED AS THE RESULT OF THIS SOLICITATION, ALL GOVERNMENT DATA SHALL BE DESTROYED; CERTIFICATE OF DESTRUCTION REQUIRED, OR RETURNED TO THE US GOVERNMENT CONTRACTING OFFICER.
15. THIS SOLICITATION CONTAINS AN ECONOMIC PRICE ADJUSTMENT (EPA) CLAUSE FOR COPPER. THE EPA CLAUSE IS SET FORTH AT SECTION I 002.
16. CLINS SPECIFIED IN SECTION B WILL BE UTILIZED WITH THE CORRESPONDING DODICS FOR DELIVERY ORDERS IF AWARDED.
17. AT THE TIME OF CONTRACT AWARD, THE SECOND SOURCE PRIME CONTRACTOR SELECTED FOR THIS EFFORT MUST HAVE THE CAPABILITY AND CAPACITY TO DELIVER UP TO 300M ROUNDS PER YEAR OF VARIOUS TYPES OF SMALL CALIBER AMMUNITION SPECIFIED IN PARAGRAPH 3.1 OF SECTION C-8 OF THIS SOLICITATION AND EITHER AN EXISTING CAPABILITY, OR A PLAN AND SCHEDULE, TO OBTAIN THE CAPABILITY TO PRODUCE ALL DODICS SPECIFIED IN PARAGRAPH 3.11 OF SECTION C-8 OF THIS SOLICITATION WITHIN CONTRACTUAL TIMEFRAMES.
18. THIS EXECUTIVE SUMMARY IS PROVIDED AS AN ADMINISTRATIVE CONVENIENCE AND IS NOT TO BE UTILIZED AS THE SOLE BASIS FOR PROPOSAL PREPARATION. FURTHER, THIS SUMMARY IS NOT INTENDED TO ALTER AND/OR REPLACE THE TERMS, CONDITIONS AND REQUIREMENTS OF THE RFP IN ANY MANNER. WHERE ANY INCONSISTENCY EXISTS BETWEEN THIS SUMMARY AND OTHER SOLICITATION LANGUAGE, THE SOLICITATION LANGUAGE SHALL PREVAIL.

\*\*\* END OF NARRATIVE A 001 \*\*\*

|                    |                                                                                 |               |
|--------------------|---------------------------------------------------------------------------------|---------------|
| CONTINUATION SHEET | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 5 of 103 |
|--------------------|---------------------------------------------------------------------------------|---------------|

Name of Offeror or Contractor:

| ITEM NO | SUPPLIES/SERVICES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | QUANTITY | UNIT | UNIT PRICE   | AMOUNT       |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|--------------|--------------|
| 0001    | <p>SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS</p> <p><u>PRODUCTION QUANTITY</u></p> <p>SECURITY CLASS: Unclassified</p> <p>NOUN: SMALL CALIBER AMMUNITION</p> <p>DELIVERY ORDERS PLACED AGAINST THIS CONTRACT WILL REFLECT THE PRICES FOR THE QUANTITIES IDENTIFIED IN THE RESPECTIVE DELIVERY ORDERS, EXCEPT THAT SUBSEQUENT DELIVERY ORDERS FOR THE SAME ITEMS THAT ARE PLACED DURING THE SAME DELIVERY ORDER PERIOD THEREAFTER WILL REFLECT THE PRICES FOR THE CUMULATIVE QUANTITY.</p> <p>UNIT PRICES ARE TO BE SUBMITTED ON THE BIDDING TEMPLATE, SEE SECTION J, ATTACHMENTS 011 AND 012.</p> <p>THE FOLLOWING CLINS WILL BE UTILIZED FOR IDENTIFIED DODICS UPON SUBSEQUENT AWARD OF DELIVERY ORDERS UNDER THIS SOLICITATION:</p> <p>CLIN 0001: DODIC A059, NSN #1305-01-155-5459<br/> CLIN 0002: DODIC A062, NSN #1305-01-258-8692<br/> CLIN 0003: DODIC A063, NSN #1305-01-155-5457<br/> CLIN 0004: DODIC A064, NSN #1305-01-252-0153<br/> CLIN 0005: DODIC A075, NSN #1305-01-258-8694<br/> CLIN 0006: DODIC A080, NSN #1305-00-182-3217<br/> CLIN 0007: DODIC AA33, NSN #1305-01-457-4589<br/> CLIN 0008: DODIC A111 (w/o band),<br/> NSN #1305-00-752-8087<br/> CLIN 0009: DODIC A111 (w/ band),<br/> NSN #1305-01-181-1750<br/> CLIN 0010: DODIC A131, NSN #1305-00-892-2150<br/> CLIN 0011: DODIC A143, NSN #1305-00-892-2330<br/> CLIN 0012: DODIC A555, NSN #1305-00-028-6574<br/> CLIN 0013: DODIC A557, NSN #1305-01-370-2594<br/> CLIN 0014: DODIC A576, NSN #1305-00-028-6603<br/> CLIN 0015: DODIC A598, NSN #1305-01-078-4879</p> <p>ALL DELIVERIES WILL BE FOB DESTINATION.</p> <p>GOVERNMENT PROCUREMENT OF INSPECTION ACTIONS (CQA) WILL OCCUR AT PLANT PRODUCTION (ORIGIN); ACCEPTANCE WILL OCCUR AT DESTINATION.</p> <p>(End of narrative A001)</p> <p><u>Packaging and Marking</u></p> |          |      |              |              |
| 0016    | <u>DATA ITEM</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |      | \$ ** NSP ** | \$ ** NSP ** |

Name of Offeror or Contractor:

| ITEM NO | SUPPLIES/SERVICES                                                                                                                                                                                                                                                                                                                                                                                                     | QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|------------|--------|
|         | <p>SECURITY CLASS: Unclassified</p> <p>DD FORM 1423 FOR ALL SMALL CALIBER FAMILIES</p> <p>CONTRACTOR WILL PREPARE AND DELIVER THE TECHNICAL DATA IN ACCORDANCE WITH THE REQUIREMENTS, QUANTITIES AND SCHEDULES SET FORTH IN THE CONTRACT DATA REQUIREMENTS LISTS (DD FORM 1423), EXHIBIT A.</p> <p>(End of narrative A001)</p> <p><u>Inspection and Acceptance</u><br/>INSPECTION: Origin      ACCEPTANCE: Origin</p> |          |      |            |        |

|                           |                                                                                                          |                             |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page</b> 7 <b>of</b> 103 |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------|

**Name of Offeror or Contractor:**

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

For Local Clauses See: <http://www.afsc.army.mil/ac/aais/ioc/clauses/index.htm>

|     | <u>Regulatory Cite</u> | <u>Title</u>            | <u>Date</u> |
|-----|------------------------|-------------------------|-------------|
| C-1 | 52.210-4501<br>LOCAL   | DRAWINGS/SPECIFICATIONS | MAR/1988    |

In addition to the drawing(s) and/or specifications listed below, other documents which are part of this procurement and which apply to Preservation/Packaging/Packing and Inspection and Acceptance are contained elsewhere in the solicitation.

The Technical Data Packages Listing (TDPLs) referenced herein will be provided, at the request of the contractor, on compact discs. To make a request, contact the Contract Specialist, Kristin Engelken at [kristin.l.engelken@us.army.mil](mailto:kristin.l.engelken@us.army.mil) or (309)782-3491. Further distribution of technical data is not authorized without Procuring Contracting Officers approval. Requests for secondary distribution to the offeror's suppliers/vendors and/or partners shall be forwarded for approval electronically to [susan.mckinnis@us.army.mil](mailto:susan.mckinnis@us.army.mil) or hardcopy to:

Susan McKinnis  
US Army Field Support Command  
Attn: AMSFS-CCA-F  
1 Rock Island Arsenal  
Rock Island, IL 61299-6500

The following drawing(s) and specifications are applicable to this procurement:

CLIN 0001 DODIC A059 Drawings and Specifications in accordance with Technical Data Package Listing - TDPL 9354626 with revisions in effect as of 08/04/04 (except as follows):

Add the following ECPs:  
R04K2028  
R04S3041

The following drawings are removed from the Inspection Drawings and Documents list:  
19200 9350100 - GAGE, HEADSPACE  
19200 9350101 - GAGE, HEADSPACE  
19200 9350104 - GAGE, FLUSH, PIN, FIRING PIN PROTRUSION  
19200 9348200 - MACHINE GUN, 5.56MM: M249  
19200 9349000 - RIFLE, 5.56MM M16A2  
19200 8448670 - MAGAZINE ASSY, 30 ROUND  
19200 8448680 - MAGAZINE ASSEMBLY

Add:  
TDPL 7553296 M2A1 Box Assembly for packing

| HCSDS | REV | DATE     | NOMENCLATURE                  | REF-DOC     |
|-------|-----|----------|-------------------------------|-------------|
| 1728  | K   | 03/03/99 | CARTRIDGE, 5.56MM, BALL, M855 | MIL-C-63989 |
| 10067 | A   | 10/24/84 | SODIUM SULFATE                | MIL-S-50004 |
| 10068 | A   | 09/11/85 | TIN DIOXIDE                   | MIL-S-50005 |
| 10098 | A   | 10/24/84 | CALCIUM CARBONATE             | MIL-C-293   |
| 10161 | B   | 10/24/84 | GRAPHITE                      | MIL-G-155   |

DRAWING 12990882: Change in Note 12 and in Vendor block from: "SUGGESTED SOURCE" to: "APPROVED SOURCE".  
DRAWING 12990884: Change in Note 15 and in Vendor block from: "SUGGESTED SOURCE" to: "APPROVED SOURCE".  
DRAWINGS 11010481, 11010484: SPEC "MIL-W-3688" CAN BE USED FOR THIS PROCUREMENT.  
DRAWING 10534146: SPEC "O-C-00275 CAN BE USED FOR THIS PROCUREMENT".  
DRAWING 11010848: DELETE SPEC "MIL-W-3855".

Add Distribution Statement "A" to Packaging drawings and Associated documents without Distribution.

All Inspection drawings and Associated documents and QA documents without Distribution Add: Distribution Statement "A".

|                           |                                                                                                          |                             |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page</b> 8 <b>of</b> 103 |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------|

**Name of Offeror or Contractor:**

19200 12999545 SHEETS 2-15: TWO-DIMENSIONAL BAR CODE AMMUNITION LABEL INSTRUCTIONS FOR AMMUNITIONS AND EXPLOSIVE CONTAINERS

19200 PL11010484 REV A: ENGINEERING PARTS LIST, LIST OF PARTS FOR FILLER, MAGAZINE: 5.56MM, 10 ROUND

Specifications: The following specifications need to be added to the Packaging Drawing and Document List as they are required for this acquisition:

TAPPI-T- 444: SILVER POLISHING BY PAPER AND PAPERBOARD

DRAWING 8794342: Change from Revision AC to: Revision AD

A new 2-dimensional bar coding requirement is included in this solicitation/contract. Given the fact that this is a new requirement, it is expected that further questions/issues may arise. Point of contact for further information and assistance in regards to this process, hardware requirements, software requirements, and all other general questions is the DOD Logistics Automatic Identification Technology (AIT) Office, Ft. Belvoir, VA, E-mail: LOIA-LS@HQDA.ARMY.MIL or FAX (703) 805-4959.

CLIN 0002 DODIC A062 Drawings and Specifications in accordance with Technical Data Package Listing - TDPL 12590315 with revisions in effect as of 08/05/04.

Add the following ECPs:

R04K2028  
R04S3041

The following drawings are removed from the Inspection Drawings and Documents list:

19200 9350100 - GAGE, HEADSPACE  
19200 9350101 - GAGE, HEADSPACE  
19200 9350104 - GAGE, FLUSH, PIN, FIRING PIN PROTRUSION  
19200 9348200 - MACHINE GUN, 5.56MM: M249  
19200 9349000 - RIFLE, 5.56MM M16A2  
19200 9348215 - SUPPORT, FEED BOX

| HCSDS | REV | DATE     | NOMENCLATURE                  | REF-DOC     |
|-------|-----|----------|-------------------------------|-------------|
| 1728  | K   | 03/03/99 | CARTRIDGE, 5.56MM, BALL, M855 | MIL-C-63989 |
| 10067 | A   | 10/24/84 | SODIUM SULFATE                | MIL-S-50004 |
| 10068 | A   | 09/11/85 | TIN DIOXIDE                   | MIL-S-50005 |
| 10098 | A   | 10/24/84 | CALCIUM CARBONATE             | MIL-C-293   |
| 10161 | B   | 10/24/84 | GRAPHITE                      | MIL-G-1     |

The following drawings should be added to the Packaging Drawing and Document List as they are required for this acquisition:

19200 8594163 - SEAL, CAR  
19200 12977298 - PROCEDURES FOR CAR SEAL APPLICATION ON BOXES, M19A1, M2A1, PA108, PA70  
19200 12990885 - CLOTH, COTTON, SHEETING (FOR BANDOLEERS)  
81361 150-2-1 - MARKING DIAGRAM FOR SHIPPING CONTAINERS  
19200 9352578 REV G - SAW, M249 FEED STRAP  
19200 12961126 REV - - NYLON 66, BLACK  
19200 12961127 REV B - CONCENTRATE, BLACK COLOR, NYLON 66  
19200 9381416 REV A - NYLON 66  
19200 9352576 REV G - COVER, M249 SAW AMMUNITION, MAGAZINE  
19200 12961124 REV - - POLYETHYLENE, HIGH DENSITY, BLACK  
19200 12961125 REV - - CONCENTRATE, BLACK COLOR, POLYETHYLENE, HIGH DENSITY  
19200 9349673 REV F - POLYETHYLENE, HIGH DENSITY  
19200 9349672 REV F - SAW, M249 AMMUNITION MAGAZINE ASSEMBLY  
1920012944208 REV G - SPRING, RETENTION, MAGAZINE  
1920012944207 REV D - CLIP  
19200 9352577 REV K - SAW, M249 AMMUNITION MAGAZINE  
19200 9211788 REV N - INK, MARKING, OPAQUE, FOR NONPOUROUS SURFACES  
19200 12982994 REV A - INK

The following drawings should be removed from the Packaging Drawing and Document List as they are not required for this acquisition:

19200 9357936 - MAGAZINE, AMMUNITION, 5.56MM, LOADE, M200 BLANK  
19200 9357943 - PACKING AND MARKING: CRTGS, 5.56MM M200 BLANK; LINKS M27; SAW, M249, MAGAZINE AMMO; BANDOLEER, 200 RD, MAG, (M249)

All Packaging Drawings and Associated documents without Distribution Add: Distribution Statement "A".



| CONTINUATION SHEET | Reference No. of Document Being Continued |         | Page 9 of 103 |
|--------------------|-------------------------------------------|---------|---------------|
|                    | PIIN/SIIN W52P1J-05-R-0010                | MOD/AMD |               |

**Name of Offeror or Contractor:**

All Inspection drawings and Associated documents and QA documents without Distribution Add: Distribution Statement "A".

The following specifications need to be added to the Packaging Drawing and Document List as they are required for this acquisition:

- MIL-B-63992 - BANDOLEER, 200 ROUND MAGAZINE (M249 MACHINE GUN)
- MIL-T-13452 - TAPE, TEXTILE, COTTON FOR BANDOLEERS
- AA-52094 - THREAD, COTTON
- PS-20 - AMERICAN SOFTWOOD LUMBER STANDARD
- MIL-S-2578 - M249 AMMUNITION MAGAZINE ASSEMBLY

DRAWING 19200 8794342: Change from: Revision AC to: Revision AD.

A new 2-dimensional bar coding requirement is included in this solicitation/contract. Given the fact that this is a new requirement, it is expected that further questions/issues may arise. Point of contact for further information and assistance in regards to this process, hardware requirements, software requirements, and all other general questions is the DOD Logistics Automatic Identification Technology (AIT) Office, Ft. Belvoir, VA, E-mail: LOIA-LS@HQDA.ARMY.MIL or FAX (703) 805-4959.

- DRAWING 12990886: In Note 4. Change from: "SUGGESTED SOURCE" to: "APPROVED SOURCE".
- DRAWINGS 12961125, 12961127: Change in Vendor Block from: "SUGGESTED SOURCE" to: "APPROVED SOURCE".
- DRAWING 8649383: Change Vendor Part No. from: 6203 to: 6215 PN 12990876 is the correct gage for this application.
- DRAWINGS 10542744, 10542743: Vendor Address change from: P.O.BOX 222 ST. MARKS, FL. 32355 to: 7121 Coastal Hwy. Crawfordville, FL. 32327 (850-925-6111)
- DRAWING 8649387: Vendor Address change from: One Kennedy Ave. to: Four Old Newton Road (203-796-3032)
- DRAWING 12990884: Delete Vendor "Rustoleum".
- DRAWING 10534146: Spec "O-C-00275 can be used for this procurement.

CLIN 0003 DODIC A063 Drawings and Specifications in accordance with Technical Data Package Listing - TDPL 9357727 with revisions in effect as of 07/27/04 (except as follows):

Add the following ECPs:

- R04K2028
- R04S3041

The following drawings are removed from the Inspection Drawings and Documents list:

- 19200 9350100 - GAGE, HEADSPACE
- 19200 9350101 - GAGE, HEADSPACE
- 19200 9350104 - GAGE, FLUSH, PIN, FIRING PIN PROTRUSION
- 19200 9348200 - MACHINE GUN, 5.56MM: M249

Add:

TDPL 7553296 M2A1 Box Assembly for packing.

| HCSDS | REV | DATE     | NOMENCLATURE             | REF-DOC     |
|-------|-----|----------|--------------------------|-------------|
| 340   | D   | 08/15/85 | Propellant,WC-844T       | 9378273     |
| 705   | C   | 10/24/84 | 1,1,1 Trichloroethane    | O-T-620     |
| 991   | A   | 10/23/84 | Polyvinyl Chloride (PVC) | 9342867     |
| 10028 | B   | 07/08/85 | Strontium Peroxide       | MIL-S-612   |
| 10059 | B   | 10/24/84 | Calcium Resinate         | MIL-C-20470 |
| 10067 | A   | 10/24/84 | Sodium Sulfate           | MIL-S-50004 |
| 10068 | A   | 09/11/85 | Tin Dioxide              | MIL-S-50005 |
| 10098 | A   | 10/24/84 | Calcium Carbonate        | MIL-C-293   |
| 10161 | B   | 10/24/84 | Graphite                 | MIL-G-155   |

Change: HCSDS 1947 from dated 9/14/98 to 10/6/98.

HCSDS 2614 from Rev A, 7/10/98 Fuze, Proximity, Artillery, M792A2 to Rev -, 6/24/98 Pyrotechnic Comp, igniter I-568.

| DRAWING/SPEC | ADD | REVISION/DOCUMENT DATE | REMOVE |
|--------------|-----|------------------------|--------|
| 9211788      | X   | N                      |        |
| 8794342      | X   | AB                     |        |
| 9273747      | X   | D                      |        |
| 9273748      | X   | H                      |        |
| 9345239      | X   | N                      |        |
| 10534433     | X   | M                      |        |
| 10533839     | X   | M                      |        |

| CONTINUATION SHEET | Reference No. of Document Being Continued |         | Page 10 of 103 |
|--------------------|-------------------------------------------|---------|----------------|
|                    | PIIN/SIIN                                 | MOD/AMD |                |
|                    | W52P1J-05-R-0010                          |         |                |

**Name of Offeror or Contractor:**

|             |   |             |   |
|-------------|---|-------------|---|
| 1948-4116/5 | X | 16 4 SHEETS |   |
| ACV00561    | X | C           |   |
| A-A-59692   | X | 11/21/2002  |   |
| 10542289    |   | SHEET 1&2   | X |
| 10542290    |   |             | X |

A NEW 2-DIMENSIONAL BAR CODING REQUIREMENT IS INCLUDED IN THIS SOLICITATION. GIVEN THE FACT THAT THIS IS A NEW REQUIREMENT, IT IS EXPECTED THAT FURTHER QUESTIONS/ISSUES MAY ARISE. POINT OF CONTACT FOR FURTHER INFORMATION AND ASSISTANCE IN REGARDS TO THIS PROCESS, HARDWARE REQUIREMENTS, SOFTWARE REQUIREMENTS, AND ALL OTHER GENERAL QUESTIONS IS THE DOD LOGISTICS AUTOMATIC IDENTIFICATION TECHNOLOGY (AIT) OFFICE, FT. BELVOIR, VA, E-MAIL: LOIA-LS@HQDA.ARMY.MIL OR FAX (703)805-4959.

DRAWING 12990882: IN NOTE 12 AND VENDOR BLOCK CHANGE FROM: "SUGGESTED SOURCE" TO: "APPROVED SOURCE".  
DRAWING 12990884: IN NOTE 15 AND VENDOR BLOCK CHANGE FROM: "SUGGESTED SOURCE" TO: "APPROVED SOURCE"; IN VENDOR BLOCK, DELETE "Rustoleum".  
DRAWING 8649383: Vendor Part No. change from: 6203 to: 6215.  
DRAWING 864938: Vendor Address change from: One Kennedy Ave. to: Four Old Newton Rd.  
DRAWING 10542744: Vendor Address change from: P.O. BOX 222 ST. MARKS, FL. 32355 to: 7121 Coastal Highway Crawfordville, FL. 32327  
DRAWING 10534146: Spec "O-C-00275" can be used for this procurement.

All Inspection drawings and Associated documents and QA documents without Distribution Add: Distribution Statement "A".

Product drawings and Associated documents without distribution Add: Distribution Statement "A".

CLIN 0004 DODIC A064 Drawings and Specifications in accordance with Technical Data Package Listing - TDPL 12597656 with revisions in effect as of 07/29/04.

Add the following ECPs:

R04K2028  
R04S3041

The following drawings are removed from the Inspection Drawings and Documents list:

19200 9350100 - GAGE, HEADSPACE  
19200 9350101 - GAGE, HEADSPACE  
19200 9350104 - GAGE, FLUSH, PIN, FIRING PIN PROTRUSION  
19200 9348200 - MACHINE GUN, 5.56MM: M249  
19200 9348215 - SUPPORT, FEED BOX

| HCSDS | REV | DATE     | NOMENCLATURE                  | REF-DOC     |
|-------|-----|----------|-------------------------------|-------------|
| 705   | C   | 10/24/84 | 1,1,1 Trichloroethane         | O-T-620     |
| 991   | A   | 10/23/84 | Polyvinyl Chloride (PVC)      | AMSTM D1755 |
| 1728  | K   | 03/03/99 | Cartridge, 5.56mm, Ball, M855 | MIL-C-63989 |
| 10028 | B   | 07/08/85 | Strontium Peroxide            | MIL-S-612   |
| 10059 | B   | 10/24/84 | Calcium Resinate              | MIL-C-20470 |
| 10067 | A   | 10/24/84 | Sodium Sulfate                | MIL-S-50004 |
| 10068 | A   | 09/11/85 | Tin Dioxide                   | MIL-S-50005 |
| 10098 | A   | 10/24/84 | Calcium Carbonate             | MIL-C-293   |
| 10161 | B   | 10/24/84 | Graphite                      | MIL-G-155   |

Change: HCSDS 1947 from dated 9/14/1998 to 10/6/1998.

HCSDS 2614 from dated 7/10/1998 to 6/24/1998.

Add Distribution Statement "A" to all Product drawings and Associated documents without Distribution.

All Inspection drawings and Associated documents and QA documents without Distribution Add: Distribution Statement "A".

Packaging drawings and Associated documents without Distribution Add: Distribution Statement "A".

2. The following drawings should be removed from the Packaging Drawing and Document List as they are not required for this acquisition:

19203 8796520 - Swivel Assembly  
19203 8796522 - Marking Diagram and Sealing for Wood Packaging Boxes  
19203 8796523 - Hasp  
19203 8796524 - Hinge  
19203 8797121 - Swivel  
19203 8797122 - Plate, Swivel

| CONTINUATION SHEET | Reference No. of Document Being Continued |         | Page 11 of 103 |
|--------------------|-------------------------------------------|---------|----------------|
|                    | PIIN/SIIN W52P1J-05-R-0010                | MOD/AMD |                |

**Name of Offeror or Contractor:**

19203 8797124 - Rivet, Swivel  
19203 8797512 - Swivel Assembly  
19203 8797513 - Swivel  
19200 9348215 - Support, Feed Box  
96906 MS171401 - 171900 - Pin - CNX  
96906 MS35492 - Screw, Wood, Flat Heat, Cross-Recessed  
96906 MS35494 - Screw, Wood, Flat Head, Slotted

3. DRAWING 19200 8794342: Change from: Revision AC to: Revision AD.

4. A new 2-dimensional bar coding requirement is included in this solicitation/contract. Given the fact that this is a new requirement, it is expected that further questions/issues may arise. Points of contact for further information and assistance in regards to this process, hardware requirements, software requirements, and all other general questions is the DOD Logistics Automatic Identification Technology (AIT) Office, Ft. Belvoir, VA, e-mail: LOIA-LS@HQDA.army.mil or fax (703) 805-4959.

5. Discrepancy Notice:

DRAWINGS 12961127, 12961125: Change Vendor Block from: "SUGGESTED SOURCE" to: "APPROVED SOURCE".  
DRAWING 12990884: Change in Note 15 and in Vendor Block from: "SUGGESTED SOURCE" to: "APPROVED SOURCE".  
DRAWING 12990882: Change in Note 12 and in Vendor Block from: "SUGGESTED SOURCE" to: "APPROVED SOURCE".  
DRAWING 10534146: Spec "O-C-00275 can be used for this procurement.  
DRAWINGS 10542744, 10542743: Vendor Address change from: P.O. BOX 222 ST. MARKS, FL 32335 to: 7121 Coastal Hwy. Crawfordville, FL. 32327  
DRAWING 8649387: Vendor Address change from: One Kennedy Ave. to: Four Old Newton Rd. (203-796-2032)  
DRAWING 8649383: Vendor Part No. change from: 6203 to: 6215  
DRAWING 12990884: Delete Vendor "Rustoleum".  
DRAWING 12961127: Vendor Address change from: "17 Holden Industrial Park" to: "85 Industrial Drive" (508-469-8500).

CLIN 0005 DODIC A075 Drawings and Specifications in accordance with Technical Data Package Listing - TDPL 12590316 with revisions in effect as of 07/29/04.

Add the following ECPs:

R04K2028  
R04S3041

The following drawings are removed from the Inspection Drawings and Documents list:

19200 9350100 - GAGE, HEADSPACE  
19200 9350101 - GAGE, HEADSPACE  
19200 9350104 - GAGE, FLUSH, PIN, FIRING PIN PROTRUSION

The following ECP is removed from the Outstanding Approved Engineering Changes list:

G6S3010

| HCSDS | REV | DATE     | NOMENCLATURE      | REF-DOC     |
|-------|-----|----------|-------------------|-------------|
| 10067 | A   | 10/24/84 | Sodium Sulfate    | MIL-S-50004 |
| 10068 | A   | 09/11/85 | Tin Dioxide       | MIL-S-50005 |
| 10098 | A   | 10/24/84 | Calcium Carbonate | MIL-C-293   |
| 10161 | B   | 10/24/84 | Graphite          | MIL-G-155   |

| DRAWING/SPEC | ADD | REVISION/DOCUMENT        | DATE  | REMOVE |
|--------------|-----|--------------------------|-------|--------|
| 9352576      | X   | G                        |       |        |
| 12961124     | X   | -                        |       |        |
| 12961125     | X   | B                        |       |        |
| 9349673      | X   | F                        |       |        |
| 9352578      | X   | G                        |       |        |
| 12961126     | X   | -                        |       |        |
| 12961127     | X   | B                        |       |        |
| 9381416      | X   | A                        |       |        |
| 9357903      | X   | D                        |       |        |
| 9349671      |     | DISTRIBUTION STATEMENT A | REV B |        |
| 9349669      |     | DISTRIBUTION STATEMENT A | REV B |        |
| 9357902      |     | SHEET 1                  | E     |        |
| 9357902      |     | SHEET 2                  | C     |        |
| 9357902      |     | SHEET 3                  | C     |        |

| CONTINUATION SHEET | Reference No. of Document Being Continued |         | Page 12 of 103 |
|--------------------|-------------------------------------------|---------|----------------|
|                    | PIIN/SIIN W52P1J-05-R-0010                | MOD/AMD |                |

**Name of Offeror or Contractor:**

|                 |                          |            |   |
|-----------------|--------------------------|------------|---|
| 9357902         | SHEET 4                  | C          |   |
| 12982994        | DISTRIBUTION STATEMENT A | REV B      |   |
| 9349295         | SHEET 2                  | P          |   |
| 12990885        | X                        | B          |   |
| MIL-C-70471     | X                        | 01/27/1986 |   |
| MIL-T-13452     | X                        | 12/14/1992 |   |
| 8794342         | X                        | USE REV AD |   |
| ACV00561        | X                        | USE REV C  |   |
| 8796520         |                          |            | X |
| EL 8796521      |                          |            | X |
| PL8796520       |                          |            | X |
| 8796523         |                          |            | X |
| 8796524         |                          |            | X |
| 8797121         |                          |            | X |
| EL 8796521      |                          |            | X |
| 8797122         |                          |            | X |
| EL 8797122-1    |                          |            | X |
| EL 8797122-2    |                          |            | X |
| 8797124         |                          |            | X |
| 8797512         |                          |            | X |
| EL 8797512      |                          |            | X |
| PL 8797512      |                          |            | X |
| 8797513         |                          |            | X |
| MS171401-171900 |                          |            | X |
| MS35492         |                          |            | X |
| MS35494         |                          |            | X |
| 9349295         |                          |            | X |
| 9357936         |                          |            | X |

All Product drawings and Associated documents without Distribution Add: Distribution Statement "A".

All Inspection drawings and Associated documents and QA documents without Distribution Add: Distribution Statement "A".

Add Distribution Statement "A" to all Packaging drawings without Distribution.

DRAWING 12990882: CHANGE IN NOTE 12 AND VENDOR BLOCK FROM: "SUGGESTED SOURCE" TO "APPROVED SOURCE".

DRAWING 12990886: IN NOTE 4. CHANGE FROM: "SUGGESTED SOURCE" TO: "APPROVED SOURCE".

DRAWING 9345271: IN NOTE 4. CHANGE FROM: "SUGGESTED SOURCE" TO: "APPROVED SOURCE".

DRAWING 10534146: SPEC "O-C-00275 CAN BE USED FOR THIS PROCUREMENT.

DRAWING 8448766: DELETE SPEC A-A-2962 AND REPLACE WITH "MASTER PAINTERS INSTITUTE REFERENCE #48, INTERIOR ALKYD, GLOSS MPI, GLOSS LEVEL 6".

DRAWING 9345271: VENDOR ADDRESS CHANGE: FROM: P.O. BOX 222 ST. MARKS, FL 32355 TO: 7121 COASTAL HWY. CRAWFORDVILLE, FL 32327

DRAWING 8448763: VENDOR NAME CHANGE FROM: NATIONAL MACHINE CO. TO: BOLLHOFF RIVNUT INC.

DRAWING 12991330: For the "Water Base Waterproofing Compound, PN 12990882 may be used in place of Compound per drawing 12991330.

Regarding MIL-F-2980E:

Delete paragraph 4.6.1.4 "Firing attachment M15A2, and adapter, blank firing, Mark 107, Mod. O."

Replace with the following, "4.6.1.4 Firing attachment M15A2, and adapter, blank firing, Mark 107, Mod. O. Government standard 5.56mm, M200 blank cartridges and the 5.56mm, M16, M16A1, M16A2 rifle shall be used for testing M15A2 blank ammunition firing attachments and adapter, blank firing, Mark 107, Mod. O. The blank ammunition firing attachment or adapter shall be assembled to an M16A1 rifle and thirty (30) rounds fired as follows: ten (10) rounds fired semiautomatic; ten (10) rounds fired automatic in two (2) bursts of approximately five (5) rounds each; and ten (10) rounds automatic in one (1) burst, or the blank ammunition firing attachment or adapter shall be assembled to an M16A2 rifle and thirty (30) rounds fired as follows: ten (10) rounds fired semiautomatic; and twenty (20) rounds fired three (3) round burst."

Change paragraph 6.1.5 "Firing attachment, M15A2 and adapter, blank firing, Mark 107, Mod. O." as follows:

From: "... used with the 5.56mm, M16 or M16A1 rifles."

To: "... used with the 5.56mm, M16, M16A1, M16A2, or M16A3 rifles."

CLIN 0006 DODIC A080 Drawings and Specifications in accordance with Technical Data Package Listing - TDPL 10534344 with revisions in effect as of 11/06/03 (except as follows):

Add the following ECPs:

R04S3031

| CONTINUATION SHEET | Reference No. of Document Being Continued<br><br>PIIN/SIIN W52P1J-05-R-0010MOD/AMD | Page 13 of 103 |
|--------------------|------------------------------------------------------------------------------------|----------------|
|--------------------|------------------------------------------------------------------------------------|----------------|

**Name of Offeror or Contractor:**

R04S3041  
R04K3003  
R3K3025  
R3S3041  
R3S3049

The following ECP is removed from the Outstanding Approved Engineering Changes list:  
G6S3010

The following drawings are removed from the Inspection Drawings and Documents list:  
19200 9350100 - GAGE, HEADSPACE  
19200 9350101 - GAGE, HEADSPACE  
19200 9350104 - GAGE, FLUSH, PIN, FIRING PIN PROTRUSION

Add TDPL 7553296 M2A1 Box Assembly for packing.

- Add:
1. DRAWING 8595399: ADD "DISTRIBUTION STATEMENT A. APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED."
  2. DRAWING 10542290: ADD TO LIST OF PARTS, "CAR SEAL, QUANTITY: 1, PART NO.: 8794342".

3. DRAWING 8794342: USE REVISION AB OF DRAWING 8794342 (SEAL, METALLIC, ASSEMBLY, DETAILS AND INSTRUCTION FOR APPLICATION) INSTEAD OF REVISION AC. REVISION AC HAS CHANGED DRAWING 8794342 TO A "SOURCE CONTROL DRAWING". THE METAL SEAL IS NOT A "SOLE SOURCE ITEM".

4. A NEW 2-DIMENSIONAL BAR CODING REQUIREMENT IS INCLUDED IN THIS SOLICITATION. GIVEN THE FACT THAT THIS IS A NEW REQUIREMENT, IT IS EXPECTED THAT FURTHER QUESTIONS/ISSUES MAY ARISE. POINT OF CONTACT FOR FURTHER INFORMATION AND ASSISTANCE IN REGARDS TO THIS PROCESS, HARDWARE REQUIREMENTS, SOFTWARE REQUIREMENTS, AND ALL OTHER GENERAL QUESTIONS IS THE DOD LOGISTICS AUTOMATIC IDENTIFICATION TECHNOLOGY (AIT) OFFICE, FT. BELVOIR, VA, E-MAIL: LOIA-LS@HQDA.ARMY.MIL OR FAX (703)805-4959.

5. ADD DISTRIBUTION STATEMENT A TO DRAWING 105349277.

6. ADD TELEPHONE NUMBER 800-527-0004 TO SOURCE CONTROL DRAWING 12990882.

7. CHANGE ADDRESS ON SOURCE CONTROL DRAWING 12991330 TO:  
BOSTIK FINDLEY INC.  
211 BOSTON ST.  
MIDDLETON, MA 01949  
978-777-0100

8. CHANGE ADDRESS ON SOURCE CONTROL DRAWING 9345271 TO:  
ST. MARKS POWDER  
7121 COASTAL HWY.  
CRAWFORDVILLE, FL 32327  
850-925-6111

9. 8448763 VENDOR NAME CHANGE:  
FROM: National machine Co.  
TO: Bollhoff Riunut Inc.  
Tel 260-347-3903

10. CHANGE SPEC USED ON DRAWING 7548584 FROM MIL-A-002550 TO MIL-A-2550.

11. CHANGE SPEC USED ON DRAWING 10542379 (SEE PE MIL-C-60616) FROM MIL-I-45208 TO ASQ Q9000-1 AND ASQ Q9000-2. QUALITY IS NO LONGER DICTATED BY MIL-I-45208 AND MIL-I-45607, BUT BY ASQ 9000 WHICH WILL BE IN CONTRACT.

12. CHANGE SPEC USED ON DRAWING 10534146 FROM O-C-00275 TO O-C-275.

All Packaging drawings Distribution Statement "A" applies.

All Inspection drawings Distribution Statement "A" applies.

Regarding MIL-F-2980E:  
Delete paragraph 4.6.1.4 "Firing attachment M15A2, and adapter, blank firing, Mark 107, Mod. O."  
Replace with the following, "4.6.1.4 Firing attachment M15A2, and adapter, blank firing, Mark 107, Mod. O. Government standard 5.56mm, M200 blank cartridges and the 5.56mm, M16, M16A1, M16A2 rifle shall be used for testing M15A2 blank ammunition firing attachments and

|                                                 |                                                                                                                                                    |                                             |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| <p align="center"><b>CONTINUATION SHEET</b></p> | <p align="center"><b>Reference No. of Document Being Continued</b></p> <p align="center"><b>PIIN/SIIN</b> W52P1J-05-R-0010      <b>MOD/AMD</b></p> | <p align="center"><b>Page 14 of 103</b></p> |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|

**Name of Offeror or Contractor:**

adapter, blank firing, Mark 107, Mod. O. The blank ammunition firing attachment or adapter shall be assembled to an M16A1 rifle and thirty (30) rounds fired as follows: ten (10) rounds fired semiautomatic; ten (10) rounds fired automatic in two (2) bursts of approximately five (5) rounds each; and ten (10) rounds automatic in one (1) burst, or the blank ammunition firing attachment or adapter shall be assembled to an M16A2 rifle and thirty (30) rounds fired as follows: ten (10) rounds fired semiautomatic; and twenty (20) rounds fired three (3) round burst."

Change paragraph 6.1.5 "Firing attachment, M15A2 and adapter, blank firing, Mark 107, Mod. O." as follows:

From: "... used with the 5.56mm, M16 or M16A1 rifles."

To: "... used with the 5.56mm, M16, M16A1, M16A2, or M16A3 rifles."

CLIN 0007 DODIC AA33 Drawings and Specifications in accordance with Technical Data Package Listing - TDPL 12982987 with revisions in effect as of 11/13/03 (except as follows):

Add the following ECPs:

R04S3031

R04S3041

R04K3003

R04K3002

R3S3041

R3S3049

The following ECP is removed from the Outstanding Approved Engineering Changes list:

R7S3013

The following drawings are removed from the Inspection Drawings and Documents list:

19200 9350100 - GAGE, HEADSPACE

19200 9350101 - GAGE, HEADSPACE

19200 9350104 - GAGE, FLUSH, PIN, FIRING PIN PROTRUSION

19200 9348200 - MACHINE GUN, 5.56MM: M249

19200 9349000 - RIFLE, 5.56MM M16A2

Add:

1. ADD TELEPHONE NUMBER 914-353-3800 TO SOURCE CONTROL DRAWING 8794342.

2. CHANGE ADDRESS ON SOURCE CONTROL DRAWING 10542743 TO:

ST. MARKS POWDER

7121 COASTAL HWY.

CRAWFORDVILLE, FL 32327

850-925-6111

3. ADD TELEPHONE NUMBER 800-527-0004 TO SOURCE CONTROL DRAWING 12990882.

4. PART NUMBERS ARE GOOD FOR 12990884. ADD TELEPHONE NUMBERS

1ST COMPANY: 708-544-0320

2ND COMPANY: 847-367-7700

5. CHANGE SOURCE CONTROL DRAWING 10542744 ADDRESS TO: 7121 COASTAL HWY.

CRAWFORDVILLE, FL 32327

850-925-6111

DRAWINGS 12990876 & 12990879: 716-691-5100 PHONE NUMBER CHANGE

DRAWINGS 8649383, 8649384 & 8649385: ZIP CODE CHANGE 14228 & PHONE NUMBER CHANGE 716-691-5100

DRAWING 8649387: CHANGE 1ST ADDRESS ZIP CODE TO: 14228 & ADD PHONE NO. 716-691-5100

CHANGE 2ND ADDRESS PHONE NO. 203-796-2032

CLIN 0008 DODIC A111 (w/o band) Drawings and Specifications in accordance with Technical Data Package Listing - TDPL 9381581 with revisions in effect as of 08/11/04.

Add the following ECP:

R04K2028

|       |     |          |                |             |
|-------|-----|----------|----------------|-------------|
| HCSDS | REV | DATE     | NOMENCLATURE   | REF-DOC     |
| 31    | D   | 06/16/83 | Nitrocellulose | MIL-DTL-244 |

| CONTINUATION SHEET | Reference No. of Document Being Continued |                  |  |         | Page 15 of 103 |
|--------------------|-------------------------------------------|------------------|--|---------|----------------|
|                    | PIIN/SIIN                                 | W52P1J-05-R-0010 |  | MOD/AMD |                |

**Name of Offeror or Contractor:**

|       |   |          |                   |             |       |   |          |                   |           |
|-------|---|----------|-------------------|-------------|-------|---|----------|-------------------|-----------|
| 773   | A | 06/12/75 | Potassium Sulfate | MIL-P-193   |       |   |          |                   |           |
| 10067 | A | 10/24/84 | Sodium Sulfate    | MIL-S-50004 |       |   |          |                   |           |
| 10068 | A | 09/11/85 | Tin Dioxide       | MIL-S-50005 | 10098 | A | 10/24/84 | Calcium Carbonate | MIL-C-293 |
| 10161 | B | 10/24/84 | Graphite          | MIL-G-155   |       |   |          |                   |           |

Section B: Add the following drawings:  
10533984 Bandoleer, M4  
10533983 Details; Bandoleer, M4  
12990885 Cloth, Cotton, Sheeting (for Bandoleers)

Remove the following drawings:  
7295249 Snap Gage  
8646699 Gage, Snap Fixed, solid  
8646700 Gage, Snap Fixed, solid  
8646701 Gage, Plug Flat  
8646702 Gage, Plug Flat  
8646703 Gage, Template, Height

Section D: Add the following  
-ASTM D6193  
-TAPPI T 807  
-MIL-HDBK-1461  
-FED STD - 191  
-QQ-C-201  
-MIL-C-46277  
-MIL-C-46281  
-MIL-C-46931  
-MIL-T-13452  
-MIL-W-0530

DRAWING 12990882: IN NOTE 12. Vendor Block change from: "SUGGESTED SOURCE" to: "APPROVED SOURCE".  
DRAWING 7553321: DELETE SPEC "MIL-STD-417" and REPLACE WITH "ASTM D2000-03a.  
DRAWING 7268389: SPEC "MIL-W-3688" IS APPROVED FOR THIS PROCUREMENT.  
DRAWING 10534787: Delete: PO BOX 222 ST. MARKS, FL 32355, Add: 7121 Coastal Highway CRAWFORDVILLE, FL 32327  
DRAWING 7553321: Delete: MIL-STD-417, Add: ASTM D2000-03a

All Product drawings without Distribution Add: Distribution Statement "A".  
All Packaging drawing and Associated documents without Distribution Add: Distribution Statement "A".  
All Inspection drawings and Associated documents without Distribution Add: Distribution Statement "A".

CLIN 0009 DODIC A111 (w/ band) Drawings and Specifications in accordance with Technical Data Package Listing - TDPL 10521992 with revisions in effect as of 12/09/03 (except as follows):

Add the following ECPs:  
R04S3031  
R04K3003  
L3S3130  
R3S2051

The following ECPs are removed from the Outstanding Approved Engineering Changes list:  
R7S3013  
G6S3010

The following drawings are removed from the Inspection Drawings and Documents list:  
19200 11825980 - MACHINE GUN 7.62MM: M240  
19200 12976815 - MACHINE GUN 7.62MM: M240B

Add:

| HCSDS | Rev | Date     | Nomenclature            | Ref-Doc     |
|-------|-----|----------|-------------------------|-------------|
| 31    | D   | 06/16/83 | Nitrocellulose          | MIL-DTL-244 |
| 773   | A   | 06/12/75 | Potassium Sulfate       | MIL-P-193   |
| 10062 | C   | 07/05/85 | Primer Percussion No.34 | MIL-P-46610 |

|                                |                                           |                |
|--------------------------------|-------------------------------------------|----------------|
| CONTINUATION SHEET             | Reference No. of Document Being Continued | Page 16 of 103 |
|                                | PIIN/SIIN W52P1J-05-R-0010MOD/AMD         |                |
| Name of Offeror or Contractor: |                                           |                |

TDPL:

| DOCUMENT     | Delete:              | Substitute: | ADD:                            |
|--------------|----------------------|-------------|---------------------------------|
| 10533984     | --                   | --          | rev J                           |
| 10533983     | --                   | --          | rev N                           |
| 12990885     | --                   | --          | shs 1,4,5-B; 2,3,7-Orig; 6-A    |
| PL8597283    | XX                   | --          | --                              |
| 1948-4116/7  | rev 7                | rev 8       | --                              |
| 1948-4116/7  | "REF" in note column |             |                                 |
| 10520005     | XX                   |             |                                 |
| 10524139     | XX                   |             |                                 |
| 10524140     | XX                   |             |                                 |
| 10524195     | XX                   |             |                                 |
| 12910308     | XX                   |             |                                 |
| 5044152      | XX                   |             |                                 |
| 5044153      | XX                   |             |                                 |
| 5044174      | XX                   |             |                                 |
| 5184988      | XX                   |             |                                 |
| 7553194      | XX                   |             |                                 |
| 7553945      | XX                   |             |                                 |
| 7585154      | XX                   |             |                                 |
| 7585155      | XX                   |             |                                 |
| 8596178      | XX                   |             |                                 |
| 8596179      | XX                   |             |                                 |
| 8596180      | XX                   |             |                                 |
| 8596181      | XX                   |             |                                 |
| 8596182      | XX                   |             |                                 |
| 8596183      | XX                   |             |                                 |
| 8648626      | XX                   |             |                                 |
| 8648720      | XX                   |             |                                 |
| BCGX1.2      | rev 4                | rev 7       | --                              |
| BCWX1.2      | rev 6                | rev 7       | --                              |
| BFAX3        | rev A                | rev B       | --                              |
| M6S3009      | --                   | --          | Sht 22                          |
| R2K3000      | XX                   |             |                                 |
| R2K3004      | XX                   |             |                                 |
| R2K3010      | XX                   |             |                                 |
| MIL-B-60107  | --                   | --          | B w/Amd 2 & Not 1               |
| MIL-T-13452  | --                   | --          | A w/Amd 1                       |
| MIL-W-530    | --                   | --          | rev H                           |
| A-A-52094    | --                   | --          | Orig                            |
| FED-STD-191  | --                   | --          | A w/Not 7                       |
| FED-STD-751  | --                   | --          | CXLD (Use ASTM-D6193, 11/10/97) |
| USAST-Y14.5  | XX                   | --          | --                              |
| TAPPI-T807   | XX                   | - -         | TAPPI-T807 OM, 1/1/03           |
| TT-I-266     | XX                   | TT-T-266    | --                              |
| TT-T-266     | --                   | --          | CXLD (Use A-A-857B)             |
| DOD-STD-1468 | XX                   | --          | --                              |

TT-S-300 & A-A-8 are to be replaced with ASTM-D360 except:

a. Color of shellac varnish. The color of the orange shellac varnish shall be darker than the color standard D, and the color of the bleached shellac varnish shall not be darker than color standard N of the Lovibond Rosin Standard.

b. Properties of dry lac. Orange, grade B only.

Matter insoluble in specified hot solvents, maximum percent -0.2.

Wax, maximum percent -0.2.

MIL-W-3688 and TT-I-542 are to be reinstated for this buy.

All Product Drawings & Associate documents without Distribution Add: Distribution Statement "A".

A NEW 2-DIMENSIONAL BAR CODING REQUIREMENT IS INCLUDED IN THIS SOLICITATION. GIVEN THE FACT THAT THIS IS A NEW REQUIREMENT, IT IS EXPECTED THAT FURTHER QUESTIONS/ISSUES MAY ARISE. POINT OF CONTACT FOR FURTHER INFORMATION AND ASSISTANCE IN REGARDS TO THIS PROCESS, HARDWARE REQUIREMENTS, SOFTWARE REQUIREMENTS, AND ALL OTHER GENERAL QUESTIONS IS THE DOD LOGISTICS AUTOMATIC IDENTIFICATION TECHNOLOGY (AIT) OFFICE, FT. BELVOIR, VA, E-MAIL: LOIA-LS@HQDA.ARMY.MIL OR FAX (703)805-4959.



|                                |                                           |         |                |
|--------------------------------|-------------------------------------------|---------|----------------|
| CONTINUATION SHEET             | Reference No. of Document Being Continued |         | Page 17 of 103 |
|                                | PIIN/SIIN                                 | MOD/AMD |                |
| Name of Offeror or Contractor: |                                           |         |                |

DRAWING 10534787: PROPELLANT, WC818 ZONE A4  
CHANGE FROM: PO BOX 222 ST. MARKS, FL 32355 TO: 7121 COASTAL HIGHWAY CRAWFORDVILLE, FL 32355

CLIN 0010 DODIC A131 Drawings and Specifications in accordance with Technical Data Package Listing - TDPL 10522350 with revisions in effect as of 12/09/03 (except as follows):

Add the following ECPs:

R04S2025  
R04S3031  
R04K3003  
L3S3130  
R3S2053  
R3S2051

The following drawings are removed from the Inspection Drawings and Documents list:

19200 11825980 - MACHINE GUN 7.62MM: M240  
19200 12976815 - MACHINE GUN 7.62MM: M240B

Add:

|       |     |          |                          |             |
|-------|-----|----------|--------------------------|-------------|
| HCSDS | REV | DATE     | NOMENCLATURE             | REF-DOC     |
| 10062 | C   | 07/05/85 | PRIMER PERCUSSION NO. 34 | MIL-P-46610 |

DOCUMENT R3K3024: ADD SHEET 2

All Product drawings without distribution add, Distribution Statement "A".

| DOCUMENT     | DELETE | ADD    | REPLACE WITH |
|--------------|--------|--------|--------------|
| SCATP-5.56MM | XX     | --     | --           |
| 12991332     | --     | REV B  | --           |
| 10533984     | --     | REV J  | --           |
| 10533983     | XX     | REV N  | --           |
| 102990855    | --     | XX     | --           |
| 1948-4116/7  | XX     | --     | XX rev 08    |
| BCFX7.1      | rev 03 | rev 06 |              |
| BCGX1.2      | rev 04 | rev 07 |              |
| BCOX1.2      | rev 04 | rev 06 |              |
| BCTX1        | rev 14 | rev 16 |              |
| BCWX1.2      | rev 13 | rev 08 |              |
| BCWX3.2      | rev 04 | rev 08 |              |
| BECX2        | rev 08 | rev 10 |              |
| BFAX3        | rev A  | rev B  |              |
| BFDX1        | rev 09 | rev 11 |              |
| 10524139     | XX     | --     |              |
| 10523156     | XX     | --     |              |
| 10524157     | XX     | --     |              |
| 10524140     | XX     | --     |              |
| 10524157     | XX     | --     |              |
| 10524158     | XX     | --     |              |
| 10524195     | XX     | --     |              |
| 12910308     | XX     | --     |              |
| 5044152      | XX     | --     |              |
| 5044154      | XX     | --     |              |
| 5044161      | XX     | --     |              |
| 5044174      | XX     | --     |              |
| 5184988      | XX     | --     |              |
| 5322575      | XX     | --     |              |
| 7553194      | XX     | --     |              |
| 8596166      | XX     | --     |              |
| 8596178      | XX     | --     |              |
| 8596179      | XX     | --     |              |
| 8596180      | XX     | --     |              |
| 8596181      | XX     | --     |              |
| 8596182      | XX     | --     |              |

| CONTINUATION SHEET | Reference No. of Document Being Continued |         | Page 18 of 103 |
|--------------------|-------------------------------------------|---------|----------------|
|                    | PIIN/SIIN W52P1J-05-R-0010                | MOD/AMD |                |

**Name of Offeror or Contractor:**

|             |             |    |                  |
|-------------|-------------|----|------------------|
| 8596183     | XX          | -- |                  |
| 8648535     | XX          | -- |                  |
| 8648626     | XX          | -- |                  |
| 8648720     | XX          | -- |                  |
| R2K3000     | XX          | -- |                  |
| R2K3004     | XX          | -- |                  |
| R2K3010     | XX          | -- |                  |
| 7790480     | MIL-M-20693 | -- | ASTM D4066       |
| 7791634     | MIL-H-6875  | -- | SAE AMS-H-6875   |
| 7553603     | QQ-S-633    | -- | ASTM A29/A29M-03 |
| 6508237     | QQ-A-591    | -- | ASTM B85         |
| 10521824    | QQ-S-00640  | -- | MIL-S-46049C     |
| MIL-C-46277 | XX          | -- | --               |
| QQ-A-250    | XX          | -- | AMS-QQ-A-250     |
| QQ-A-250/1  | XX          | -- | AMS-QQ-A-250/1   |
| MS16998     | XX          | -- | NASM35650        |
| MS35650     | XX          | -- | NASM35650        |

The following cancelled specifications are to be reinstated for this procurement. L-F-350 MIL-STD-110 TT-I-542  
DRAWING 7790479: Delete SPEC DOD-STD-1866 & MIL-S-6872 and replace with the following: "Solder in accordance with best commercial practice to ensure compliance with drawing specification requirements as applicable.".

TT-S-300 & A-A-8 are to be replaced with ASTM-D360 except:

a. Color of shellac varnish. The color of the orange shellac varnish shall be darker than the color standard D, and the color of the bleached shellac varnish shall not be darker than color standard N of the Lovibond Rosin Standard.

b. Properties of dry lac. Orange, grade B only.

Matter insoluble in specified hot solvents, maximum percent -0.2.

Wax, maximum percent -0.2.

FF6213 DISTRIBUTION STATEMENT A

FF6214 DISTRIBUTION STATEMENT A

FF6215 DISTRIBUTION STATEMENT A

A NEW 2-DIMENSIONAL BAR CODING REQUIREMENT IS INCLUDED IN THIS SOLICITATION. GIVEN THE FACT THAT THIS IS A NEW REQUIREMENT, IT IS EXPECTED THAT FURTHER QUESTIONS/ISSUES MAY ARISE. POINT OF CONTACT FOR FURTHER INFORMATION AND ASSISTANCE IN REGARDS TO THIS PROCESS, HARDWARE REQUIREMENTS, SOFTWARE REQUIREMENTS, AND ALL OTHER GENERAL QUESTIONS IS THE DOD LOGISTICS AUTOMATIC IDENTIFICATION TECHNOLOGY (AIT) OFFICE, FT. BELVOIR, VA, E-MAIL: LOIA-LS@HQDA.ARMY.MIL OR FAX (703)805-4959.

| DOCUMENT | DELETE                                                              | Replace with:                                                        |
|----------|---------------------------------------------------------------------|----------------------------------------------------------------------|
| 10534784 | OLIN CORP POWDER OPERATIONS<br>P.O. BOX 222<br>ST. MARK'S, FL 32355 | ST. MARK'S POWDER<br>7121 COASTAL HIGHWAY<br>CRAWFORDVILLE, FL 32355 |
| 12990884 | SOURCE CONTROL DRAWING                                              | SPEC CONTROL DRAWING                                                 |
| 7585163  | MIL-S-3568                                                          | MIL-S-13468                                                          |

7268389 - Re-instate specification MIL-W-3688 WAX EMULSION (RUST INHIBITING).

The following Government Acceptance Inspection Equipment (AIE) designs drawings, cited elsewhere in the technical data, are appropriate for use during performance of this contract to inspect the applicable characteristics

- a. o All AIE designs specified for Critical Characteristics/Defects.
- b. o Other - Lists by citing individual drawing numbers or equipment list(s).

NONE

All other Government AIE designs which are cited in the Technical Data Package List (TDPL) or in any of the documents in the Technical Data Package (TDP) are no longer being maintained the Government, may not reflect the latest component configuration and are, therefore, included for information purposes only. Except for the AIE designs listed above, the contractor is responsible for the design and submission to the Government for review of all other AIE in accordance with Clause specified elsewhere in Section E of this contract.

| CONTINUATION SHEET | Reference No. of Document Being Continued |         | Page 19 of 103 |
|--------------------|-------------------------------------------|---------|----------------|
|                    | PIIN/SIIN                                 | MOD/AMD |                |

**Name of Offeror or Contractor:**

effect as of 12/09/03 (except as follows):

Add the following ECPs:

R04S3031  
R04K3003  
L3S3130  
R3S2053  
R3S2051

The following drawings are removed from the Inspection Drawings and Documents list:

19200 11825980 - MACHINE GUN 7.62MM: M240  
19200 12976815 - MACHINE GUN 7.62MM: M240B

Add:

HCS D Rev Date Nomenclature Ref-Doc 10062 C 7/5/85 Primer Percussion No. 34 MIL-P-46610  
All Product drawings & Associated documents without Distribution Add: Distribution Statement "A".

TDPL:

| DOCUMENT     | DELETE              | REPLACE WITH   | ADD     |
|--------------|---------------------|----------------|---------|
| HCS DS 10062 | --                  | --             | rev C   |
| 12991332     | --                  | --             | rev B   |
| 10533984     | --                  | --             | rev J   |
| 10533983     | --                  | --             | rev N   |
| 12990885     | --                  | --             | XX      |
| 19-48-4116/7 | rev 07              | rev 08         | --      |
| 19-48-4116/7 | REF, in note column |                |         |
| 10520005     | XX                  |                |         |
| 10523156     | XX                  |                |         |
| 10524139     | XX                  |                |         |
| 10524140     | XX                  |                |         |
| 10524158     | XX                  |                |         |
| 10524195     | XX                  |                |         |
| 12910308     | XX                  |                |         |
| 5044152      | XX                  |                |         |
| 5044153      | XX                  |                |         |
| 5044154      | XX                  |                |         |
| 5044174      | XX                  |                |         |
| 5184988      | XX                  |                |         |
| 7553194      | XX                  |                |         |
| 8596178      | XX                  |                |         |
| 8596179      | XX                  |                |         |
| 8596180      | XX                  |                |         |
| 8596181      | XX                  |                |         |
| 8596182      | XX                  |                |         |
| 8596183      | XX                  |                |         |
| 8648535      | XX                  |                |         |
| 8648626      | XX                  |                |         |
| 8648720      | XX                  |                |         |
| BCGX1.2      | XX                  |                |         |
| BCFX7.1      | rev 03              | rev 06         |         |
| BCOX1.2      | rev 04              | rev 06         |         |
| BCTX1        | rev 14              | rev 16         |         |
| BCTX2        | rev 13              | rev 16         |         |
| BCWX1        | rev 04              | rev 06         |         |
| BCWX1.2      | rev 06              | rev 07         |         |
| BFAX3        | rev A               | rev B          |         |
| BFDX1        | rev 09              | rev 11         |         |
| MS16998      | rev E               | CANCELLED      | NAS1351 |
| MIL-M-20695  | XX                  | --             | --      |
| MIL-S-3468   | XX                  | --             | --      |
| TAPPI-T807   | XX                  | TAPPI-T807 OM  | --      |
| QQ-A-250     | XX                  | AMS-QQ-A-250   | --      |
| QQ-A-250/1   | XX                  | AMS-QQ-A-250/1 | --      |
| QQ-C-320     | XX                  | AMS-QQ-C-320   | --      |
| R2K3000      | XX                  |                |         |

Name of Offeror or Contractor:

R2K3004 XX  
R2K3010 XX

DRAWING 7790479: Delete SPEC DOD-STD-1866 AND MIL-S-6872 and replace with the following: "Solder in accordance with best commercial practice to ensure compliance with drawing specification requirements as applicable.".

TT-S-300 & A-A-8 are to be replaced with ASTM-D360 except:

a. Color of shellac varnish. The color of the orange shellac varnish shall be darker than the color standard D, and the color of the bleached shellac varnish shall not be darker than color standard N of the Lovibond Rosin Standard.

b. Properties of dry lac. Orange, grade B only.

Matter insoluble in specified hot solvents, maximum percent -0.2.

Wax, maximum percent -0.2.

The following Government Acceptance Inspection Equipment (AIE) designs drawings, cited elsewhere in the technical data, Contract C Requirements Page 2 of 3, are appropriate for use during performance of this contract to inspect the applicable characteristics

- a. o All AIE designs specified for Critical Characteristics/Defects.
- b. o Other - Lists by citing individual drawing numbers or equipment list(s).

NONE

CLIN 0012 DODIC A555 Drawings and Specifications in accordance with Technical Data Package Listing - TDPL 11735439 with revisions in effect as of 01/06/04 (except as follows):

Add the following ECPs:

R04S3031  
R04K3003  
R3K3025  
R3S2046

Add TDPL 7553296 M2A1 Box Assembly for packing.

The compact disc containing TDPL 117354439 (PRON ID: 4A3A2104M2) lists incorrect Packaging Drawings and Associated Documents. Substitute the A555 attachment, "Packaging Drawings and Associated Documents," in Section J with the same titled section on the Technical Data Package (TDP) compact disc.

Add:

HCSDS Rev Date Nomenclature Ref-Doc  
10040 B 5/1/91 Propellant, IMR 5010 10534796

|                                               |                                |                                    |
|-----------------------------------------------|--------------------------------|------------------------------------|
| DOCUMENT:                                     | DELETE:                        | Replace with:                      |
| PWD, PAGE 002                                 | MIL-C-1090A                    | MIL-C-10190                        |
| DX 10534796                                   | RADFORD ARMY AMMUNITION PLANT  | ATK AMMUNITION AND POWDER CO       |
|                                               | RADFORD, VA 24141              | RADFORD, VA 24141                  |
| DX10534811                                    | PART NO 1MR 5010               | PART NO 24142-0100                 |
|                                               | PO BOX 222                     | 7121 COASTAL HIGHWAY               |
|                                               | ST. MARKS , FL 32355           | CRAWFORDVILLE, FL                  |
| DX 7645339                                    | OLIN INDUSTRIES                | OLIN INDUSTRIES                    |
|                                               | EAST ALTON, IL 62024           | 427 N. SHAMROCK ST                 |
|                                               |                                | EAST ALTON, IL 62024               |
|                                               | Primer NO. 257                 | Primer NO. 50-257                  |
|                                               | Primer Mixture Designation:267 | PRIMER MIX DESIGNATION:257(FA-958) |
|                                               | OLIN CORPORATION               | ALLIANT TECHSYSTEMS                |
|                                               | LAKE CITY ARMY AMMO PLANT      | P.O. BOX 1000                      |
|                                               | INDEPENDENCE, MO 64050         | LAKE CITY ARMY AMMUNITION PLANT    |
|                                               |                                | INDEPENDENCE, MO 64051             |
| DX 8649383: Change in the (ITEM IDENT COLUMN) |                                |                                    |
|                                               | From: 6203                     | To: 6215                           |

|                                |                                           |         |                |
|--------------------------------|-------------------------------------------|---------|----------------|
| CONTINUATION SHEET             | Reference No. of Document Being Continued |         | Page 21 of 103 |
|                                | PIIN/SIIN                                 | MOD/AMD |                |
| W52P1J-05-R-0010               |                                           |         |                |
| Name of Offeror or Contractor: |                                           |         |                |

MIL-C-10190D, AMENDMENT 4, 26 JULY 2000, ON PAGE 5, PARA 5.2 CHANGE FROM: D12576567 TO: 12576457

The following Government Acceptance Inspection Equipment (AIE) designs drawings, cited elsewhere in the technical data, are appropriate for use during performance of this contract to inspect the applicable characteristics.

NONE

All other Government AIE designs which are cited in the Technical Data Package List (TDPL) or in any of the documents in the Technical Data Package (TDP) are no longer being maintained by the Government, may not reflect the latest component configuration and are, therefore, included for information purposes only. Except for the AIE designs listed above, the contractor is responsible for the design and submission to the Government for review of all other AIE in accordance with Clause specified elsewhere in Section E of this contract.

CLIN 0013 DODIC A557 Drawings and Specifications in accordance with attached Technical Data Package Listing (see Section J, attachment 014)- TDPL 12960791 with revisions in effect as of 06/10/04 (except as follows):

Add the following ECPs:

R04S2025  
R04S3031  
R04K2028  
R04K3003  
R3K3025  
R3S2046  
R3S3030

Add TDPL 7553296 M2A1 Box Assembly for packing.

Add:

|              |                                                                         |                                                                                                   |
|--------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| DOCUMENT:    | DELETE:                                                                 | Replace with:                                                                                     |
| MIL-STD-1261 | XX                                                                      | 12479550 rev Orig                                                                                 |
| 10534796     | RADFORD ARMY AMMUNITION PLANT<br>RADFORD, VA 24141                      | ATK AMMUNITION & POWDER CO.<br>RT 114<br>RADFORD, VA 24141                                        |
| 10534811     | P.O. BOX 222<br>ST. MARKS, FL 32355                                     | 7121 COASTAL HWY<br>CRAWFORDVILLE, FL 32327                                                       |
| 12990884     | SOURCE CONTROL DRAWING                                                  | SPECIFICATION CONTROL DRAWING                                                                     |
| 12998399     | ST. MARK'S POWDER INC.<br>GENERAL DYNAMICS INC.<br>ST. MARK'S, FL 32355 | 7121 COASTAL HWY.<br>CRAWFORDVILLE, FL 32327                                                      |
| 7645339      | OLIN INDUSTRIES.<br>EAST ALTON, IL 62024?                               |                                                                                                   |
|              | OLIN INDUSTRIES<br>427 N. SHAMROCK ST<br>EAST ALTON, IL 62024           |                                                                                                   |
|              | PART NO. 257<br>PRIMER MIXTURE DESIGNATION:<br>267                      | PART NO. 50-257<br>PRIMER MIXTURE DESIGNATION:<br>257 (FA-958)                                    |
|              | OLIN CORPORATION<br>LAKE CITY ARMY AMMO PLANT<br>INDEPENDENCE, MO 64050 | ALLIANT TECHSYSTEMS<br>P.O. BOX 1000<br>LAKE CITY ARMY AMMUNITION PLANT<br>INDEPENDENCE, MO 64051 |

TT-S-300 ASTM D 360 (with modifications)

a. Color of shellac varnish. The color of the orange shellac varnish shall be darker than the color standard D, and the color of the

|                                  |                                                                                                                      |                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------|
| <p><b>CONTINUATION SHEET</b></p> | <p><b>Reference No. of Document Being Continued</b></p> <p><b>PIIN/SIIN</b> W52P1J-05-R-0010      <b>MOD/AMD</b></p> | <p><b>Page 22 of 103</b></p> |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------|

**Name of Offeror or Contractor:**

bleached shellac varnish shall not be darker than color standard N of the Lovibond Rosin Standard.

b. Properties of dry lac. Orange, grade B only.  
Matter insoluble in specified hot solvents, maximum percent -0.2.  
Wax, maximum percent -0.2.

10522379 JJJ-A-20 RE-INSTATED

5182726 MIL-S-7420 AM-S 6440, SAE 52100, ASM 6444, AMS 6447 (all specs required)

5182727 MIL-S-7420 AM-S 6440, SAE 52100, ASM 6444, AMS 6447 (all specs required)

80086 STEEL- FS1020 ?STEEL, GRADE 1020 PER ASTM A108  
SPEC. QQ-S-633

10534630 TT-S-300 ASTM D 360 (with modifications)

a. Color of shellac varnish. The color of the orange shellac varnish shall be darker than the color standard D, and the color of the bleached shellac varnish shall not be darker than color standard N of the Lovibond Rosin Standard.

b. Properties of dry lac. Orange, grade B only.  
Matter insoluble in specified hot solvents, maximum percent -0.2.  
Wax, maximum percent -0.2.

10521776 "SEE SEPARATE PARTS LIST"

10534631 "SEE SEPARATE PARTS LIST"

6528683 NOTATION ABOUT PARTS LIST

7160003 NOTATION ABOUT PARTS LIST

5580086 in the event that any information is illegible, refer to drawing 80086, which is identical with respect to technical content.

TDPL:  
DOCUMENT: ADD:  
5203381 rev K  
5502646 rev L  
7553097 rev J  
7553774 rev G  
7672165 rev N

CLIN 0014 DODIC A576 Drawings and Specifications in accordance with Technical Data Package Listing - TDPL 9329737 with revisions in effect as of 11/17/03 (except as follows):

Add the following ECPs:  
R04S2025  
R04S3031  
R04K3003  
R3K3025  
R3S2046  
R3S3030

Add TDPL 7553296 M2A1 Box Assembly for packing.

Add:  
HCSDS Rev Date Nomenclature  
15 F 11/30/92 Aluminum

Delete: HCSDS's 35, 221, 238, 317, 318, 320, 371, 428, 447, 601, 822, 823, 1354, 1843, 2614 and 2615.

1. ALL PRODUCT DRAWINGS WITHOUT DISTRIBUTION, ADD: "DISTRIBUTION STATEMENT A. APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.".

2. DRAWING 12576457: ADD TO PACKAGING COMPONENTS, "CAR SEAL, QUANTITY: 1, PART NO.: 8794342".

|                                |                                           |                |
|--------------------------------|-------------------------------------------|----------------|
| CONTINUATION SHEET             | Reference No. of Document Being Continued | Page 23 of 103 |
|                                | PIIN/SIIN W52P1J-05-R-0010MOD/AMD         |                |
| Name of Offeror or Contractor: |                                           |                |

3. DRAWING 8794342: USE REVISION AB OF DRAWING 8794342 (SEAL, METALLIC, ASSEMBLY, DETAILS AND INSTRUCTION FOR APPLICATION) INSTEAD OF REVISION AC. REVISION AC HAS CHANGED DRAWING 8794342 TO A "SOURCE CONTROL DRAWING". THE METAL SEAL IS NOT A "SOLE SOURCE ITEM".

4. DRAWING 1948-4116/14: USE REVISION 14.

5. DRAWING ACV00561 Delete Rev C and use rev B.

6. ADD R3K3024 sht 2 for ACV00561

7. FED-STD-102, USED ON DRAWING 7645339 (SEE MIL-P-46610), IS REPLACED BY MIL-STD-2073-1D (10 May 2002).

8. A NEW 2-DIMENSIONAL BAR CODING REQUIREMENT IS INCLUDED IN THIS SOLICITATION. GIVEN THE FACT THAT THIS IS A NEW REQUIREMENT, IT IS EXPECTED THAT FURTHER QUESTIONS/ISSUES MAY ARISE. POINT OF CONTACT FOR FURTHER INFORMATION AND ASSISTANCE IN REGARDS TO THIS PROCESS, HARDWARE REQUIREMENTS, SOFTWARE REQUIREMENTS, AND ALL OTHER GENERAL QUESTIONS IS THE DOD LOGISTICS AUTOMATIC IDENTIFICATION TECHNOLOGY (AIT) OFFICE, FT. BELVOIR, VA, E-MAIL: LOIA-LS@HQDA.ARMY.MIL OR FAX (703)805-4959.

|            |                                                                         |                                                                                                   |
|------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| DOCUMENT:  | DELETE:                                                                 | Replace with:                                                                                     |
| 10534796   | RADFORD ARMY AMMUNITION PLANT<br>RADFORD, VA 24141                      | ATK AMMUNITION AND POWDER CO<br>RT 114<br>RADFORD, VA 24141                                       |
| 10534811   | P.O. BOX 222<br>ST. MARKS, FL 32355                                     | 7121 COASTAL HWY<br>CRAWFORDVILLE, FL 32327                                                       |
| 12998399   | P.O. BOX 222<br>ST. MARKS, FL 32355                                     | 7121 COASTAL HWY<br>CRAWFORDVILLE, FL 32327                                                       |
| 7645339    | OLIN CORPORATION<br>LAKE CITY ARMY AMMO PLANT<br>INDEPENDENCE, MO 64050 | ALLIANT TECHSYSTEMS<br>P.O. BOX 1000<br>LAKE CITY ARMY AMMUNITION PLANT<br>INDEPENDENCE, MO 64051 |
| 80086      | STEEL- FS1020<br>SPEC. QQ-S-633                                         | STEEL, GRADE 1020 PER ASTM A108                                                                   |
| PL10521041 | XX                                                                      |                                                                                                   |
| 10522420   | XX                                                                      |                                                                                                   |
| 12990884   | CHANGE FROM: SOURCE CONTROL                                             | TO: SPEC CONTROL DRAWING                                                                          |
| 10522400   | SPECIFICATION MIL-A356 (ASPHALTUM- GILSONITE) WILL BE RE-INSTATED       |                                                                                                   |

CLIN 0015 DODIC A598 Drawings and Specifications in accordance with Technical Data Package Listing - TDPL 9329735 with revisions in effect as of 11/12/03 (except as follows):

Add the following ECPs:  
R04S3031  
R04K3003  
R3K3025

Add TDPL 7553296 M2A1 Box Assembly for packing.

Add:  
To all Drawings and Associated Documents without distribution statement, add distribution statement "A".

A NEW DIMENSIONAL BAR CODING REQUIREMENT IS INCLUDED IN THIS SOLICITATION. GIVEN THE FACT THAT THIS IS A NEW REQUIREMENT, IT IS EXPECTED THAT FURTHER QUESTIONS/ISSUES MAY ARISE. POINTS OF CONTACT FOR FURTHER INFORMATION AND ASSISTANCE IN REGARD TO THIS PROCESS, HARDWARE REQUIREMENTS, SOFTWARE REQUIREMENTS, AND ALL OTHER GENERAL QUESTIONS IS THE DOD LOGISTICS AUTOMATIC IDENTIFICATION TECH (AIT) OFFICE, FT. BELVOIR, VA, E-MAIL: LOIA-LS@hqda.army.mil, or fax (703) 805-4959.

Name of Offeror or Contractor:

2687 -4/24/03 Propellant, N-312 12999213  
2688 -4/24/03 Propellant, OBP-126 12999214

DELETE: HCSDSs 439, 2372, and 10121.

CHANGE: HCSDS Rev to Rev Date 1627 F G 12/5/03

|              |                           |                                                |
|--------------|---------------------------|------------------------------------------------|
| TDPL:        |                           |                                                |
| DOCUMENT     | DELETE                    | Replace with                                   |
| 1948-4116    | rev 07                    | rev 08                                         |
| 1948-4116/14 | rev 12                    | rev 14                                         |
| 7645339      | OLIN CORPORATION          | ALLIANT TECHSYSTEMS                            |
|              | LAKE CITY ARMY AMMO PLANT | P.O. BOX 1000                                  |
|              | INDEPENDENCE, MO 64050    | LAKE CITY ARMY AMMUNITION PLANT                |
|              |                           | INDEPENDENCE, MO 64051                         |
|              | OLIN INDUSTRIES           |                                                |
|              | EAST ALTON, IL 62024      |                                                |
|              | PRIMER NO. SEE TABLE      |                                                |
|              | FSCM NO.                  |                                                |
|              | FED-STD-102               | MIL-P-116 & MIL-STD-2073 (Both specs required) |
| 5502646      | MIL-T-10727               | ASTM B545 & ASTM B339 (Both specs required)    |
| 12999213     | NEX PLO-VIHTAVUORI        | U.S. DISTRIBUTOR                               |
|              | FIN-41330 VIHTAVUORI      | KALTRON-PETTIBONE                              |
|              | FINLAND                   | 1241 ELLIS STREET                              |
|              |                           | BENSENVILLE, IL 6010                           |
| 12999214     | P.O. BOX 222              | 7121 COASTAL HIGHWAY                           |
|              | ST. MARKS, FL 32355       | CRANFORDVILLE, FL 32355                        |

12913945: PROPELLANT WC440s

Delete the following:  
in Next Assy Block: "9326760"  
in Used On Column: "CRTG CAL .50, BLANK M1A1"  
in Note 6. B. Delete: "BADGER ARMY AMMUNITION PLANT

BARABOO, WI 55913  
CAGE CODE: 50088  
VENDOR PART NO. WC440S

Change Note 1A. from: DOD-STD-001000 (AR), MIL-A-48078, RR-S-366, MIL-STD-286 to: DOD-STD-001000 (AR), MIL-A-48078, ASTM E11, MIL-STD-286

The following Government Acceptance Inspection Equipment (AIE) designs drawings, cited elsewhere in the technical data, are appropriate for use during performance of this contract to inspect the applicable characteristics.

- o All AIE designs specified for Critical Characteristics/Defects
- o Other - Lists by citing individual drawing numbers or equipment list(s).

NONE

All other Government AIE designs which are cited in the Technical Data Package List (TDPL) or in any of the documents in the Technical Data Package (TDP) are no longer being maintained the Government, may not reflect the latest component configuration and are, therefore, included for information purposes only. Except for the AIE designs listed above, the contractor is responsible for the design and submission to the Government for review of all other AIE in accordance with Clause specified elsewhere in Section E of this contract.

(End of statement of work)

(CS6100)



| CONTINUATION SHEET             | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 25 of 103 |
|--------------------------------|---------------------------------------------------------------------------------|----------------|
| Name of Offeror or Contractor: |                                                                                 |                |

C-2            52.247-4503            STATEMENT OF WORK - TRANSPORTATION SECURITY REQUIREMENTS            MAR/2004  
LOCAL

Supplies procured under this contract are identified as Category IV, requiring Transportation Protective Service (TPS) in accordance with DoD 5100.76M (Physical Security of Sensitive Conventional Arms, Ammunition, and Explosives) and DoD 4500.9R, Defense Transportation Regulation, parts II and III, as added to or amended by applicable military service policies in accordance with guidance provided by Defense Logistics Agency (DLA)/Defense Contract Management Agency (DCMA) or other components assigned to provide contract administration services (CAS) within designated/delegated geographic areas as specified under DOD 4105.59H, DOD Directory of Contract Administration Service Components, dated January 1985, and subsequent issues thereof for offshore/OCONUS procurements.

(End of statement of work)

(CS6101)

C-3            52.225-4502            STATEMENT OF WORK-ENGLISH LANGUAGE DOCUMENTATION            FEB/1992  
LOCAL

All contractor prepared material to be furnished under this contract shall be written in the English language.

(End of statement of work)

(CS7103)

C-4            52.246-4506            STATEMENT OF WORK FOR STATISTICAL PROCESS CONTROL            FEB/1999  
LOCAL

In accordance with DI-MGMT-80004 and contract clause 52.246-4506, the following supplemental information shall be considered and used when designing your general and detailed SPC plans.

1.0 General Management Plan: This section shall define management's SPC responsibilities and involvement and shall include management's commitment to continuous process improvement. The plan shall embrace a total commitment to quality and shall be capable of standing on its own merit.

1.1 Policy/Scope: Describe the Contractor's policy for applying SPC, including goals and management commitment to SPC.

1.2 Applicable Document: List documents that are the basis for the contractor's SPC program (i.e., ANSI standard, textbooks, Government documents).

1.3 SPC Management Structure: Define the SPC management structure within the organization. Identify and include interrelationships of all departments involved in SPC (i.e., Production, Quality, Engineering, Purchasing, etc.). Identify by job title or position all key personnel within departments involved in the application of SPC. Describe which functions are performed by key personnel and when these functions are performed (i.e., include personnel responsible for performing inspections/audits, charting and interpreting data; personnel responsible for determining, initiating and implementing corrective action upon detecting assignable causes, etc.).

1.4 SPC Training: Identify by job title or position the primary individual responsible for overseeing that SPC training is accomplished. Describe the qualification program required and in use for all personnel utilizing SPC techniques, including the qualification of trainers. Identify who is to be trained and the type, extent and length of such training (i.e., on-the-job, classroom, etc.). Identify when refresher training is required and how personnel using SPC techniques are monitored.

1.5 Manufacturing Controls: Identify the criteria for performing SPC gage capability studies and describe how and when these studies should be applied. Repeatability and accuracy of gages should be addressed.

1.6 Determination of SPC Use: Describe how the process/operation parameters are determined appropriate for SPC application and explain what actions are taken if SPC is not deemed appropriate for critical, special and major process/operation parameters (i.e., Pareto analysis, analysis of characteristics with tight tolerances, etc.).

1.7 Process Stability and Capability:

a. Identify the criteria for performing process capability studies and describe how and when these studies are applied. Describe how the process capability index is calculated and include the frequency of these calculations. Describe what actions are taken as methodologies when process capability is for variable and attribute data. To determine a capable process, the

|                                       |                                                                                                      |                       |
|---------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b>             | <b>Reference No. of Document Being Continued</b><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 26 of 103</b> |
| <b>Name of Offeror or Contractor:</b> |                                                                                                      |                       |

process/operation parameters shall meet the following requirements:

(1) Variable data: Process capability (Cp) shall be determined. Process performance index shall be greater than or equal to 1.33 (Cpk). For critical parameters/characteristics, the process performance index shall be greater than or equal to 2.0 (Cpk).

(2) Attribute data: Process capability/performance shall be the percent beyond the upper/lower specification limit less than or equal to .003 percent (Cpk = 1.33).

b. Describe what actions will be taken if process/operation is sub-marginal or marginal (Cpk less than 1.33 or 2.0 for critical or grand average fraction defective is greater than .003 percent).

c. Include analysis of statistical distributions and define all formulas and symbols utilized.

1.8 Control Chart Policy:

a. Type of charts to be used (i.e., x bar/R x bar/S, etc.) and rationale for use; the criteria for selection of sample size, frequency of sampling and rational subgroups.

b. Procedures for establishing and updating control limits, including frequency of adjustments.

c. Criteria for determining out-of-control conditions (i.e., trends, points beyond control limits, etc.) and the corrective action taken, to include failure analysis when the process is unstable or when nonconforming product has resulted from unstable processes. Illustrate out-of-control tests.

d. Describe the method of recording pertinent facts on control charts such as changes in raw materiel, machines, manufacturing methods and environment, and corrective actions taken and describe how control charts are traceable to the product.

1.9 Vendor/Subcontractor Purchase Controls: Identify whether suppliers are required to utilize SPC and describe the extent the vendor's policies and procedures are consistent with in-house procedures of the prime contractor. Describe the following: methods utilized to determine that suppliers have adequate controls to assure defective product is not produced and delivered; the system utilized to audit suppliers, what will be audited and how often, what action will be taken when out-of-control conditions exist at subcontractor/vendor facilities.

1.10 SPC Audit System: At a minimum, the contractor's SPC Audit System shall consist of auditing compliance with the planned arrangements specified in the general and detailed SPC plans followed by a review and analysis of the outcome to include implementation of necessary corrective action.

1.11 SPC Records: Identify various records to be used in support of SPC and describe their use. Identify retention periods.

2.0 Detailed Plan:

This section shall detail specific manufacturing process/operation parameters under control.

2.1 Control of Process/Operation Parameters or Characteristics:

a. Identify the following for each process/operation by name or characteristic under control:

(1) Identify process/operation by name or characteristic and provide rationale for selection; justification for non-selection if the parameter or characteristic is identified as critical, special and/or major.

(2) Describe how the characteristic is produced; the chain of events, type and number of machines involved, location of manufacturing facility, tolerances maintained, etc.

(3) Production and inspection machinery used. Include the production rate, number of shifts and length of shifts plus whether inspection is fully or semi-automatic or manual. If manual, identify the type of gages in use.

(4) Identify the type of charts to be maintained and whether the process/operation is performed in-house or subcontracted out; identify facility/vendor where process/operation parameters are targeted for SPC.

2.2 Reduction or Elimination of Inspection/Test: The Procuring Contracting Officer (PCO) will accept submissions of requests for reduction or elimination of final acceptance inspection/testing when the requirements of the SPC contract clause and this SOW are met. Each request shall contain and/or address the following: control charts documenting twenty (20) consecutive production shifts or more for the same process/operation parameter under control; type of control chart utilized; control chart limits and process average or grand average fraction defective (as applicable); definition of out-of-control condition and corrective actions taken during out-of-

|                           |                                                                                                          |                       |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 27 of 103</b> |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|

**Name of Offeror or Contractor:**

control conditions; specification and part number.

(End of statement of work)

(CS7100)

|     |             |                                                                    |          |
|-----|-------------|--------------------------------------------------------------------|----------|
| C-5 | 52.246-4535 | STATEMENT OF WORK - AMMUNITION DATA CARDS AND REPORT OF CONTRACTOR | AUG/2002 |
|     | LOCAL       | BALLISTIC TESTING                                                  |          |

Ammunition Data Cards shall be prepared in accordance with MIL-STD-1168 and shall follow the format required by the world-wide web application identified as WARP or Worldwide Ammunition-data Repository Program. The Report of Contractor Ballistic Testing is prepared IAW DI-MISC-80246. Additional details on both of these WARP applications are provided below. Prior to gaining access to WARP contractor/facility personnel involved in the preparation of ammunition data cards shall obtain a userid and password for the Army Electronic Product Support (AEPS) network. Instructions and help for obtaining an AEPS userid and password are as follows:

**AEPS Access Procedures**

The Army Electronic Product Support (AEPS) is a Department of Defense logistics website. Entering AEPS will allow you access to the SECURED AREA of the Army Electronic Product Support Network. A username and password are required to enter this area. Only authorized DoD personnel and contractors with current active contracts with DoD will receive access into the AEPS website. If you have a requirement for the AEPS website, you must fill out and submit the AEPS Access Request Form found at the following web address:

<http://aeps.ria.army.mil/aepspublic.cfm>

You must click on "Access Request Form" and continue through the steps until completion and click on SUBMIT. You are required to provide a ACO name, email and phone number if you are a DoD civilian or military. Government contractors are required to provide CAGE code, Contract Number and ACO with "Government" email address. All requestors must provide their Information Assurance Security Officer's (IASO, formerly ISSO) name, email, DSN phone and commercial phone.

After submitting the request, your ACO will be emailed a copy of your request and will be asked to verify your information before a user ID will be issued. AEPS User ID and AEPS Login Name mean the same. Your ACO must REPLY back to the email providing the following:

- Approval? (YES/NO)
- ACO Name
- ACO E-Mail
- ACO Phone

The ACO must also provide the same information stated above in his/her REPLY plus provide the Contract Expiration Date (format - MM/DD/YYYY).

Upon notification from your ACO, you will be emailed an AEPS User Login Name and instructions for logging into the AEPS website. You will use the AEPS password that you assigned to yourself when you filled out the access request form.

Once you gain access to the AEPS website, you can change your personal information when needed to keep your file current.

**AEPS HELP-DESK and Problem Reporting Procedures**

Reporting Problems - The AEPS Help Desk has several means of reporting problems:

- Call 1-888-LOG-HELP (1-888-564-4357) to speak to an AEPS representative
- Contact the AEPS Help-Desk at Comm. (309) 782-0699 or DSN 793-0699 or (309) 782-1426 or DSN 793-1426
- Contact the AEPS Help-Desk by FAX: (309) 782-1426 or DSN 793-1426
- Contact the AEPS Webmaster by Email: Webmaster (martinj2@ria.army.mil)

Each phone call, email or fax is handled in a prompt and courteous manner. Responses to problems are provided by phone and/or email.

Other means to help assist you in identifying your problems can be found on the AEPS Help Section at web link:

<http://aeps/ria.army.mil/help.cfm>

Here you will find Questions and Answers by clicking in either of the two FAQ subcategories reflected under the HELP tab:

| CONTINUATION SHEET             | Reference No. of Document Being Continued<br><br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 28 of 103 |
|--------------------------------|-------------------------------------------------------------------------------------|----------------|
| Name of Offeror or Contractor: |                                                                                     |                |

FAQs - AEPS Access Request Process or SSL FAQs - Secured Socket Layer

You may also check out our new Frequently Asked Questions (<https://aeps.ria.army.mil/aepsqa.cfm>) page to get answers on access problems as another means of assistance.

The AEPS Help Section screen <http://aeps.ria.army.mil/help.cfm> also reflects two other topics that can be clicked on to provide further assistance:

"Password Problems or Request Status" at <https://aeps.ria.army.mil/request/info/UserScreen.cfm>  
"Ask the AEPS Public Help Knowledge Base" at <http://aeps.ria.army.mil/help/aepshelpmain.cfm>

Worldwide Ammunition-data Repository Program (WARP)

Once you have obtained an AEPS userid and password allowing entry to the secured area of AEPS you can access the WARP application by scrolling to the bottom of the list of AEPS applications. The WARP opening main page and all subsequent pages contain multiple navigational aids to guide you through the process of inputting information necessary for creating a new ammunition data card. An online user's manual will provide additional help in the development of an ammunition data card and it is recommended that you download and read the user's manual prior to inputting your initial data card. The user's manual also contains screen shots, which depict what the inputter will see during the ADC input process.

Ammunition Data Card Input

ADC input allows current contractors and government facilities the capability to create, and submit for approval, ADCs which meet the format requirement of MIL-STD-1168B. ADCs are automatically forwarded to the respective Governmental Agency Responsible for Acceptance (GARA). The GARA, in most cases the Defense Contract Management Agency (DCMA) Quality Assurance Representative (QAR), reviews contractor input for accuracy and completeness, and after updating the disposition code for the specific lot, submits the ADC to the database. The inputter is granted access only to ADCs identified with its specific manufacturing code, as identified in MIL-HDBK-1461A, Manufacturer's Symbols. The use of previously inputted ADCs through the TEMPLATE option, significantly reduces input effort, while increasing accuracy and consistency of data.

Email Notification

WARP provides immediate, automated notification to process participants when actions are required. When the producer has completed an ADC submission, an email message is routed to the GARA advising that an ADC awaits review and approval. If the GARA approves the ADC as submitted, the ADC is released to the base and an email, with approved data card, is routed back to the originator. If the ADC requires modification or correction to be in accordance with MIL-STD-1168B requirements, an email is provided to the ADC originator advising that corrective action is required prior to approval.

Information Updates

It is important that the System Administrators are apprised when a producer receives a new contract. The producer shall notify OSC-WARP@osc.army.mil within 30 days after receipt of a new contract. Information to be included shall be the contract number, item, GARA, Manufacturer's identification symbol and the names of the individuals who will be inputting ADCs into the system. If you are a new producer and do not have a Manufacturer's identification symbol, you can obtain one by sending an email to OSC-WARP@osc.army.mil. The email must contain manufacturer's name, address where performance of the contract will take place, and a point of contact.

Report of Contractor Ballistic Testing Module

In addition to its ADC function, WARP also services as a repository for reports of contractor ballistic (or functional) testing. Whenever the contract requires contractor performance of ballistic testing, the results of such testing shall be captured by you, the performing contractor, within a specially designed Lot Acceptance Test Report (LATR) module.

Within the LATR module, you are required to provide a report of any contractor ballistic testing and to submit the report in electronic fashion via the WWW. The report must be a .pdf file for the upload process to work.

The LATR tab on the WARP opening page provides access to the upload process.

An online user's manual will provide additional help in the upload process for a Report of Contractor Ballistic Testing. It is recommended that you download and read the user's manual prior to uploading your initial Report of Contractor Ballistic Testing. The user's manual also contains screen shots which depict the upload process.

The upload process is simple and direct. After inputting several key pieces of information (contract number, noun, etc.) on the LATR initial page the inputter selects the upload button and the LATR module will browse the inputter's hard drive until the correct file is found. At the click of a button the file is uploaded to WARP and the process is complete.

|                                       |                                                                                                          |                       |
|---------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b>             | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 29 of 103</b> |
| <b>Name of Offeror or Contractor:</b> |                                                                                                          |                       |

(End of statement of work)

(CS7200)

C-6      52.246-4536      STATEMENT OF WORK - 2-D BAR CODING VERIFICATION      AUG/2004  
LOCAL

a. As a logistics measure to improve inventory, accountability, security and control, the supplier is required to provide 2-D Bar Codes in accordance with MIL-STD-129 and MIL-PRF-61002 and as further detailed in Section D of the contract.

b. An approval of the supplier's 2-D Bar Code Label is required before any product shall be presented for acceptance to the Government Quality Assurance Representative. Prior to formal submission of product to the Government for acceptance, a first time sample of the supplier's initial 2-D Bar Coding Label shall be submitted for approval to the Joint Munitions Command, Attn: SFSJM-QAP to be read by a High Performance Bar Code Verification system.

c. Within fifteen calendar days, the supplier will be notified electronically of the approval, conditional approval, or disapproval of the submitted 2-D Bar Code Label. A notice of conditional approval shall state any further actions required of the supplier. A notice of disapproval shall cite reasons for the disapproval.

d. Once approval of the 2-D Bar Code Label is received, the supplier may begin presenting product to the Government for acceptance.

e. During life cycle management of the product, the Government may randomly perform checks of the integrity and conformity of the 2-D Bar Code labeling that is affixed to the supplier's product.

f. The supplier is responsible for all costs associated with correcting 2-D Bar Code labels that do not meet contractual requirements.

(End of statement of work)

(CS7300)

C-7      52.248-4502      CONFIGURATION MANAGEMENT DOCUMENTATION      MAY/2001  
LOCAL

The contractor may submit Engineering Change Proposals (ECPs), Value Engineering Change Proposals (VECPs) (Code V shall be assigned to an engineering change that will effect a net life cycle cost), including Notices of Revision (NORs), and Requests for Deviation (RFDs) for the documents in the Technical Data Package (TDP). The contractor shall prepare these documents in accordance with the Data Item Descriptions cited in block 04 on the enclosed DD Form 1423, Contract Data Requirements List.

Contractor ECPs/VECPs shall describe and justify all proposed changes and shall include NORs completely defining the changes to be made.

Contractors may also submit RFDs, which define a temporary departure from the TDP or other baseline documentation under Government control. The contractor shall not deliver any units incorporating any change/deviation to Government documentation until notified by the Government that the change/deviation has been approved and the change/deviation has been incorporated in the contract.

If the Government receives the same or substantially the same VECPs from two or more contractors, the contractor whose VECP is received first will be entitled to share with the Government in all instant, concurrent, future, and collateral savings.

Duplicate VECPs, which are received subsequently, will be returned to the contractor(s) without formal evaluation, regardless of whether or not the first VECP has been approved and accepted by the Government.

(End of clause)

(CS7600)

C-8      STATEMENT OF WORK

1. SCOPE:

|                           |                                                                                                          |                       |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 30 of 103</b> |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|

**Name of Offeror or Contractor:**

1.1 Objective: The objective of the effort stipulated in this Statement of Work (SOW) is to identify and establish a single commercial Small Caliber Ammunition Second Source Prime Contractor to provide the U.S. Army with capabilities for the procurement and/or production, acceptance testing, packaging and delivery of small caliber ammunition (5.56mm, 7.62mm, Caliber .50) of various types (Ball, Tracer Armor Piercing Incendiary (API), Armor Piercing Incendiary-Tracer (API-T), and Blank) in various packing configurations, conforming to the United States Technical Data Packages (TDP) and military specifications.

1.2 Background: Lake City Army Ammunition Plant (LCAAP), Independence, Missouri, is the only Government-Owned, Contractor-Operated (GOCO) facility currently producing small caliber ammunition for the U.S. Army.

Due to increased operational and training requirements to support the Global War on Terrorism, the demand for small caliber ammunition has exceeded the current contractual capacity of LCAAP.

It is the objective of this effort to establish a single commercial Second Source Prime Contractor to provide the U.S. Army with additional capability for the procurement and/or production, acceptance testing, packaging and delivery of up to 300M rounds per year of small caliber ammunition. Depending on future governments needs, this requirement could increase up to 500M rounds per year.

2. APPLICABLE DOCUMENTS: The contractor shall use the following documentation in performance of this requirement:

- 2.1 Military Standards and Specifications:
- 2.1.1 MIL-C-60616C, Amendment 3, Notice 1, CARTRIDGE, 5.56MM, BLANK, M200, 31-OCT-96
  - 2.1.2 MIL-C-63990C, Amendment 4, Notice 1, CARTRIDGE, 5.56MM, TRACER, M856, 15-OCT-99
  - 2.1.3 MIL-C-63989C, Amendment 4, Notice 1, CARTRIDGE, 5.56MM, BALL, M855, 30-Jan-01
  - 2.1.4 MIL-C-46933A, Amendment 9, Notice 1, CARTRIDGE, 7.62MM, NATO, BLANK, M82, 6-FEB-96
  - 2.1.5 MIL-C-46931F, Amendment 3, Notice 1, CARTRIDGE, 7.62MM, NATO, BALL, M80, 11-AUG-99
  - 2.1.6 MIL-C-46281F, Amendment 3, Notice 1, CARTRIDGE, 7.62MM, NATO, TRACER, M62, 26-NOV-97
  - 2.1.7 MIL-C-10190D, Amendment 4, Notice 1, CARTRIDGE, CALIBER .50, BALL, M33, 26-JUL-00
  - 2.1.8 MIL-C-1318B, Amendment 5, Notice 1,2, CARTRIDGE, CALIBER .50, TRACER, M17, 26-JUL-00
  - 2.1.9 MIL-C-3066C, Amendment 1, CARTRIDGES, CALIBER .50: ARMOR-PIECING-INCENDIARY, M8; and ARMOR-PIERCING-INCENDIARY-TRACER, M20, 26-JUL-00
  - 2.1.10 MIL-C-48623, Amendment 3, Notice 1,2, CARTRIDGE, BLANK, CALIBER .50, M1A1, 21-MAR-91
  - 2.1.11 MIL-P-3984J, Amendment 3, PROPELLANTS FOR SMALL ARMS AMMUNITION, 12-JUN-00
  - 2.1.12 MIL-DTL-46610F, PRIMERS, PERCUSSION, STYPHNATE AND CHLORATE TYPES, FOR SMALL ARMS AMMUNITION, 20-FEB-98
  - 2.1.13 MIL-L-10287B, LACQUER, CELLULOSE NITRATE FOR IDENTIFICATION OF SMALL ARMS AMMUNITION, 22-OCT-76
  - 2.1.14 MIL-STD-1168B, Ammunition Lot Numbering and Ammunition Data Card, 10-JUN 98
  - 2.1.15 MIL-STD-1916, DOD PREFERRED METHOD FOR ACCEPTANCE OF PRODUCT, 1-APR-96
  - 2.1.16 MIL-STD-961E, DEFENSE AND PROGRAM-UNIQUE SPECIFICATIONS FORMAT AND CONTENT, 1-AUG-03
  - 2.1.17 MIL-STD-636, Amendment 1-4, VISUAL INSPECTION STANDARDS FOR SMALL ARMS AMMUNITION THROUGH CALIBER .50, 7-OCT-96
  - 2.1.18 MIL-STD-644A, Amendment 4, 5, VISUAL INSPECTION STANDARDS AND INSPECTION PROCEDURES FOR INSPECTION OF PACKAGING, PACKING AND MARKING OF SMALL ARMS AMMUNITION, 1-MAY-92
  - 2.1.19 SCATP-5.56MM (HEAVY BULLET), REVISION C, SMALL CALIBER AMMUNITION TEST PROCEDURES 5.56MM (HEAVY BULLET) CARTRIDGES, 20-NOV-98
  - 2.1.20 SCATP-7.62, AMMUNITION BALLISTIC ACCEPTANCE TEST METHODS, TEST PROCEDURES FOR 7.62MM CARTRIDGES, NOV-92
  - 2.1.21 TB 700-2, NAVSEAINST 8020.8B TO 11A-1-47 DLAR 8220.1, DEPARTMENT OF DEFENSE AMMUNITION AND EXPLOSIVES HAZARD CLASSIFICATION PROCEDURES, 5-JAN-98

- 2.1.22AMC-R 385-21, DETERMINATION AND ASSIGNMENT OF AMMUNITION AND EXPLOSIVES HAZARD CLASSIFICATION, 2-JAN-87
- 2.1.23TITLE 49, CODE OF FEDERAL REGULATION (CFR), TRANSPORTATION, PARTS 100-199
- 2.1.24DOD 6055.9-STD, DEPARTMENT OF DEFENSE AMMUNITION AND EXPLOSIVES HAZARD CLASSIFICATIONS, 11 AUG 97
- 2.2Reference Documents:
- 2.2.1ISO 9001:2000, QUALITY MANAGEMENT SYSTEM REQUIREMENTS
- 2.2.2ANSI/NCSL Z540-1, GENERAL REQUIREMENTS FOR CALIBRATION LABORATORIES AND MEASURING AND TEST EQUIPMENT
- 2.2.3MIL-HDBK-61A (SE), CONFIGURATION MANAGEMENT GUIDANCE, 7-FEB-01. THIS HANDBOOK IS TO BE USED FOR GUIDANCE PURPOSE ONLY.
- 2.2.4MIL-HDBK-1916, MILITARY HANDBOOK COMPANION DOCUMENT TO MIL-STD-1916. THIS HANDBOOK IS TO BE USED FOR GUIDANCE PURPOSE ONLY.
- 2.2.5STANAG 4172 ED.2(2) NATO Standardization Agreement 5.56mm Ammunition (Linked or Otherwise) W/AMENDMENT 2 INCORPORATED), 10-AUG-93
- 2.2.6AC/225(LG/3SG/1) D/8 - Manual of Proof and Inspection Procedures for NATO 5.56mm Ammunition (MOPI)
- 2.2.7STANAG 2310 ED.3(6)- NATO Standardization Agreement 7.62mm Ammunition (Linked or Otherwise)
- 2.2.8AC/225(LG/3SG/1) D/9 - Manual of Proof and Inspection Procedures for NATO 7.62mm Ammunition (MOPI), 9-JUN-95
- 2.2.9STANAG 4383 - NATO Standardization Agreement 12.7mm (.50) Ammunition Packed as Linked Belts
- 2.2.10AC/225(LG/3SG/1) D/11 - Manual of Proof and Inspection Procedures for NATO 12.7mm Ammunition (MOPI)
- 2.2.11PFP(NAAG-LG/3-SG/1)D(2004)1 Multi-Caliber Manual of Proof and Inspection Procedures (MOPI)

3. REQUIREMENTS:

3.1 Under this Statement of Work the Second Source Prime Contractor shall establish commercial source(s) to provide the U.S. Army with the capability to procure and/or produce, test, package and deliver various small caliber ammunition (5.56mm, 7.62mm, Caliber .50) of various types (Ball, Tracer, Armor Piercing Incendiary (API), Armor Piercing Incendiary-Tracer (API-T), and Blank), and packing configurations conforming to the United States Technical Data Packages (TDP) and military specifications. For planning purposes, the Estimated Annual Quantities (EAQ), for the FY05 buy, at the 300 Million rounds per year level are as follows:

|             |                      |       |
|-------------|----------------------|-------|
| 5.56mm      | AA33, Ball           | 34.1M |
|             | A064, 4 Ball/1 Trace | 44.6M |
|             | A080, Blank, Linked  | 74.7M |
| 7.62mm      | A111, Blank          | 46.7M |
|             | A131, 4 Ball/1 Trace | 65.7M |
|             | A143, Ball           | 12.4M |
| Caliber .50 | A555, Ball           | 7.3M  |
|             | A557, 4 Ball/1 Trace | 6.4M  |
|             | A598, Blank          | 8.1M  |

- 3.1.1The Government reserves the right to change quantities or DODICs as needed.
- 3.2The Second Source Prime Contractor selected under this contract is required to be able to deliver up to 300 million rounds of small caliber ammunition per year for up to 5 years (60 months). The Second Source Prime Contractor may propose using any mix of in-house manufacturing capabilities and his/her ability to partner with other small caliber ammunition manufacturers and component subcontractor/vendors (world wide). It should be noted that based upon future U.S. Government needs, this requirement could increase up to 500 million rounds per year within 12 months of an award of an identified DoD requirement for quantities in excess of 300 million

|                                       |                                                                                                          |                       |
|---------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b>             | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 32 of 103</b> |
| <b>Name of Offeror or Contractor:</b> |                                                                                                          |                       |

rounds per year.

3.2.1 The Contractor selected for this effort shall identify and establish the required capabilities and implement technical and management plans establishing the required capability at contract award.

3.3 A delivery requirement is planned to be awarded by delivery order concurrent with award of the basic contract. Follow on delivery orders may be added at a later date for production requirements of various mixes of small caliber ammunition. The minimum production quantity that may be placed on contract in any year by the U.S. Government is 0.

3.4 Integrated Program/Supply Chain Management:

3.4.1 Integrated Program/Supply Chain Management Plan (IP/SCM): The Second Source Prime Contractor shall develop and execute an integrated program/supply chain management plan that will describe how the offeror intends to arrange for the procurement and/or production, acceptance and delivery of up to 500 million cartridges per year of various small caliber ammunition designs and packing configurations. The integrated program/supply chain management plan will be incorporated at the time of award. The contractor shall maintain the integrated program/supply chain management plan and provide updates (inclusive of supporting rationale) whenever subsequent revisions/changes are contemplated. No revisions/changes to the program/supply chain management plan may be made without prior approval of the Procuring Contracting Officer. The plan shall provide for the effective management and control of all sub-contractors/vendors providing products and services for this contract. The Supply Chain Management Plan shall fully address and contain the following minimum elements (DI-MGMT-80004):

- Program Risk - A discussion of program risks/problem areas and plans to address these risks both pro-actively and reactively;
- Communication -The contractors system/process for the timely and complete horizontal and vertical flow of pertinent program information between cognizant Government and contractor entities;
- Organizational Structure - A detailed description of the contractors internal and enterprise-wide structure utilized to accomplish the efforts required by the contract. This description should address the following elements as a minimum:
  - o Identification of key personnel and their backgrounds;
  - o Identification of required critical skills and qualifications of key technical and management personnel and retention strategies.
  - o A detailed WBS for the required number of levels of the supply chain necessary to accomplish the requirements of the contract;
  - o Identification of both primary and alternate(s) sub-contractors/vendors that will support this effort for the period of performance of this contract.
- Timeline - The Integrated Program/Supply Chain Management Plan should address all time phases of the contract from contract award to close-out actions/end of contract.
- Integrated Master Schedule. A cohesive and complete integrated master schedule that illustrates the tasks, durations, dependencies and sequencing of all actions, resources and the integration needed for the offeror to comply with the requirements of the contract and meets the schedule requirements identified in the Section F of the Solicitation.
- Requirements Flow-down. The contractor's supply management system shall include provisions to ensure that all customer and applicable contract requirements are properly flowed down to the respective suppliers.

3.4.2 The Second Source Prime Contractor shall perform all tasks necessary to ensure the delivery of the cartridges and pack configurations IAW the applicable technical data packages and the contract schedule. These tasks include, but are not limited to the following activities:

- Planning and scheduling production - Establishing and maintaining an Integrated Master Schedule and Integrated Management Plan for the procurement and/or production, acceptance testing, packaging and delivery of small caliber ammunitions. The plan should cover all supplier, vendors and sub-contractors participating in the execution of this contract.
- Procurement and/or production of cartridges and components.
- Conducting engineering assessments of test data.
- Conducting engineering assessments of the hardware and production processes necessary to ensure production on schedule.
- Ensure that cartridge level TDP/specification requirements are met.
- Resolution of any manufacturing or quality issues encountered during the performance of this contract, including conducting failure analysis and implementing corrective action(s). Identify through the configuration management process any suggested changes to the TDP identified as a result of engineering analysis.
- Manage identified corrective actions across all sub-contractors/producers. Assure that technical issues and resolutions are shared amongst all sub-contractors manufacturing similar items.
- Testing of components and assemblies for verification of performance levels and compliance with the TDP.



|                           |                                                                                                          |                       |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 33 of 103</b> |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|

**Name of Offeror or Contractor:**

- Monitoring of subcontractors to assure they are meeting TDP/specification requirements.
- Management of a quality management system as defined in the contract (Section E).
- Establishing a protocol and the means for the horizontal and vertical flow of information, data, and requirements between cognizant Government and contractor entities and facilities.

3.4.3 Submission of Data and Documentation for this contract. For the submission of data and documentation required during the performance of this contract, the use of an electronic media accessible to the Government shall be utilized (example Microsoft Word, Excel, PowerPoint, Adobe Acrobat) provided via email or mailed CD-ROM.

3.4.4 Technical/Program Reviews: Upon request by the Procuring Contracting Officer, generally held quarterly, the Prime Contractor shall hold Technical/Program Reviews at a location and time to be established by the Government. Responsible and cognizant contractor personnel shall attend these reviews to provide cognizant Government personnel with a status update, accomplishments during the previous period, and a review of any technical and administrative issues associated with the programs. Systems contractors are encouraged to have vendors/subcontractors participate in the technical/program reviews, and the Government at times may request their participation to address specific issues.

3.4.5 Teleconferences: Teleconferences shall be conducted by the Second Source IPT (Government and Second Source Prime Contractor personnel). These teleconferences will be held at mutually agreed to times, or at the discretion of the Contracting Officer, the contractor will participate in teleconferences to ensure that pertinent program issues are addressed in a timely manner. The Second Source IPT shall utilize a conference call phone line (not a toll-free telephone number) provided by the Government.

3.5 Quality Management System (QMS): The contractor shall maintain a documented quality management system in accordance with ISO 9001:2000 (excluding paragraph 7.3 Design and Development), or equivalent, and the supplemental requirements contained herein. Subcontractors with production responsibility only, shall maintain a documented quality management system in accordance with ISO 9001:2000 (excluding paragraph 7.3 Design and Development), or equivalent, and the supplemental requirements contained herein. If the contractor desires to utilize an alternate quality management system, a request shall be submitted to the Procuring Contracting Officer (PCO) for approval prior to implementation of the alternate system.

3.5.1 Calibration: The prime contractor shall ensure that all in-house facilities, sub-contractors and suppliers implement and maintain a system for the calibration and control of all measuring and testing equipment used for the performance of this contract. The calibration system shall, as a minimum, comply with the requirements of ANSI/NCSL Z540-1 or an industry equivalent system acceptable to the Government.

3.5.2 Product Traceability and Lot Control: Product traceability and lot control are requirements on all components and assemblies produced under this contract and are applicable to all suppliers and sub-contractors participating on this contract. Product identification and evidence of the acceptance status of all material shall be maintained throughout the entire manufacturing and assembly process to ensure traceability to original material identification and quality status. This requirement applies to both prime and subcontractors and includes customer supplied material. Lot control requirements are defined in the item specification and MIL-STD-1916. Evidence of product traceability and lot control documentation shall be available for Government review upon request.

3.5.3 Quality Program Plan: The prime contractor shall ensure that all sub-contractors and suppliers maintain a documented quality program plan in accordance with the contractors quality management system. The plan shall include sections covering Inspection/Test Plan, Critical Defect Program, Acceptance Inspection Equipment (AIE), Process Control Documentation (PCD), First Article Acceptance Test, Lot Acceptance Test and Rework. This document shall be available for Government review upon request.

3.5.3.1 Inspection/Test Plan: For each delivery order, the prime contractor shall identify and document all inspection and test requirements for all critical, major and key characteristics (including those characteristics already listed in the corresponding TDPLs) deemed necessary for the acceptance of components, subassemblies, and final assemblies. A key characteristic is a controllable feature, property, process parameter, or other attribute for which reduced variation results in a measurable improvement in performance, consistency of performance, or safety. The prime contractor has the responsibility as part of Supplier Chain Management to coordinate all testing and inspection activities required on this effort within their supplier base and shall establish and maintain an Integrated Master Schedule to accomplish this. The prime contractor shall ensure that all suppliers prepare and maintain detailed inspection and test procedures for the control and acceptance of all TDP and key characteristics. The prime contractor shall ensure all suppliers maintain documented inspection and test records to include, as a minimum all key characteristics, required inspections and tests, the nature of observations made, and the number and type of deficiencies found. Contractor plans on how inspection and test data will be recorded and utilized for process and product control shall be made available to the Government upon request.

3.5.3.2 Critical Characteristics/Critical Defect Program - The contractor shall establish and maintain a Critical Defect Program for the control of all Critical safety characteristics in accordance with the corresponding requirements cited in section E of the contract. The prime contractor has the responsibility to convey the Critical Defect Program requirements to all suppliers on their team that will produce, assemble, or handle components and/or assemblies containing critical safety characteristics.

3.5.3.3 Process Control Documentation (PCD) The prime contractor is responsible for establishing and maintaining at their suppliers Process Control Documents (PCDs) for all manufacturing operations affecting the safety, quality, performance, reliability, and storage life of items produced under this contract. PCD classifications shall be defined by the contractor and

|                           |                                                                                                          |                       |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 34 of 103</b> |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|

**Name of Offeror or Contractor:**

mutually agreed upon by the Government. Changes to processes and associated PCDs where safety and/or major performance parameters may be affected, and/or where product features are not easily verifiable, shall require Government evaluation and mutual agreement prior to implementation. The prime contractor is responsible for the adequacy of all process documentation including control of changes in accordance with the configuration management plan. The Government will be provided access to PCDs at contractor and subcontractor facilities for review to ensure that PCDs are being followed.

3.5.3.4 First Article Acceptance Test (FAAT) The contractor shall perform First Article Acceptance Tests (FAATs) for each delivery order and producer/supplier in accordance with the applicable Technical Data Package and contract requirements specified in sections E and I of the contract. The FAAT samples shall meet all contract, technical, and quality assurance requirements. The prime contractor has the responsibility as part of Supplier Chain Management to coordinate all first article testing required on this effort within their supplier base and shall establish and maintain an Integrated Master Schedule to accomplish this. It should be noted that the eighteen (18) month window from the date of contract award to the required completion of deliveries is irrespective of the number suppliers on the prime contractors team that require a first article.

3.5.3.4.1 The contractor shall provide the Government a minimum of thirty (30) days advance notice of all FAAT tests and inspections for CONUS and sixty (60) days advance notice of all FAAT tests and inspection for OCONUS. The Government will witness, perform, and/or verify all associated tests and inspections at its discretion.

3.5.3.4.2 Prior to execution of the FAAT, the contractor shall submit a detailed FAAT plan which must be agreed to by the government prior to initiation of the FAAT.

3.5.3.4.3 The contractor shall submit FAAT reports to the Procuring Contracting Officer for approval within one hundred twenty (120) days of the award (delivery order).

3.5.3.5 Lot Acceptance Test (LAT) The contractor shall establish a plan containing prescribed methods for acceptance of product (reference MIL-STD-1916, DoD Preferred Methods for Acceptance of Product). The lot acceptance sampling requirements are specified in the TDP and section E of the contract. The prime contractor has the responsibility as part of Supplier Chain Management to coordinate all acceptance testing required on this effort within their supplier base and shall establish and maintain an Integrated Master Schedule to accomplish this.

3.5.4 Subcontractor and Vendor Audits: The contractor shall include in the Quality Program Plan, provisions for quality system and statistical process control audits of suppliers to verify compliance to contract requirements. The plan shall include a schedule for the conduct of these audits; audit schedules and audit reports shall be provided to the Government (DI-MGMT-80004).

3.5.5 Test Incident Reports The contractor shall submit test incident reports in accordance with DI-RELI-81315 (tailored) for any test failure occurring at contractor or Government facilities. The Contracting Officer shall be notified of all corrective actions, including rework and screening procedures, prior to the contractor proceeding with the assembly of any affected material into deliverable cartridges. The Government reserves the right to disapprove corrective actions/procedures if they are deemed to be unsatisfactory with respect to the delivery of TDP compliant material.

3.5.6 Quality Deficiency Reports The contractor shall submit Product Quality Deficiency Reports (PQDRs) for any defective Government Furnished Material (GFM) utilized on this contract in accordance with DI-QCIC-80736. The PQDRs can be submitted using public applications on <http://aeps.ria.army.mil/aepspublic.cfm> web site.

3.6 Configuration Management:

3.6.1 Configuration Management Plan The contractor shall create and maintain a Configuration Management Plan and submit it for Government review in accordance with DI-CMAN-80858B.

3.6.2 Submission of Data and Documentation for this contract. For the submission of data and documentation required during the performance of this contract, the use of an electronic media accessible to the Government shall be utilized (example Microsoft Word, Excel, PowerPoint, Adobe Acrobat) provided via email or mailed CD-ROM.

3.6.3 Configuration Control - The Government, at its discretion, will participate in any or all of the prime contractor and suppliers/vendors configuration control meetings affecting the requirements of this contract. The contractor shall provide the Government with sufficient notice of all meetings to facilitate Government participation.

3.6.4 The contractor shall define a plan on how configuration control (ECP, NOR, & RFD) will be maintained between different vendors making similar components and/or assemblies for all ammunition and pack-out TDPs.

3.6.5 Any configuration management action submitted to the Government will be subject to review by the Configuration Control Board for Production and approved by the Contracting Officer.

3.7 Under this Small Caliber Ammunition Second Source Prime Contract, the U.S. Government:

|                                                              |                                                                                                                                                                |                                                          |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <p style="text-align: center;"><b>CONTINUATION SHEET</b></p> | <p style="text-align: center;"><b>Reference No. of Document Being Continued</b></p> <p style="text-align: center;">PIIN/SIIN W52P1J-05-R-0010      MOD/AMD</p> | <p style="text-align: center;"><b>Page 35 of 103</b></p> |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|

**Name of Offeror or Contractor:**

- 3.7.1 will NOT permit the use of Government Owned Property located at LCAAP, with the exception of Armaments Retooling and Manufacturing Support (ARMS) tenants at LCAAP, which the tenant pays a rental charge for use of Government facilities.
- 3.7.2 will NOT provide any separate funding for facilitization and investment to meet the requirements of this contract, all facilitization or equipment costs should be reflected in the cartridge unit price.
- 3.7.3 will NOT provide any GFM/GFE other than reference ammunition and weapons, for which the Second Source Prime Contractor is unable to procure due to established restrictions by the Bureau of Alcohol, Tobacco and Firearms. The use of Government owned property that is not located at LCAAP is permissible provided all required approvals are obtained by the offeror.
- 3.8 Not used.
- 3.9 The Contractor shall submit monthly production status reports (DI-MGMT-80227-tailored) which discuss production status, cost, schedule, production and delivery issues.
- 3.10 Upon request from the U.S. Government Administrative Contracting Officer (ACO) or at the request of the Procuring Contracting Officer (PCO), the prime contractor shall host a post contract award meeting/conference with the contractor and all sub-contractors/manufacturers.
- 3.11 The small caliber ammunition which may be ordered under the Second Source contract includes the following DODICs and NSNs of 5.56mm, 7.62mm, and Caliber .50 cartridge families for use in combat and/or training (see table below):
- | CLIN | DODIC | NSN              | Part/Combination<br>of Adopted Items<br>(COAI) Number | NOMENCLATURE                                                                                                           |
|------|-------|------------------|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| 0001 | A059  | 1305-01-155-5459 | 9354626                                               | CARTRIDGE, 5.56MM, BALL, M855 (10-RD CLIPS)                                                                            |
| 0002 | A062  | 1305-01-258-8692 | 12590315                                              | CARTRIDGE, 5.56MM, BALL, M855 LINKED                                                                                   |
| 0003 | A063  | 1305-01-155-5457 | 9357727                                               | CARTRIDGE, 5.56MM, TRACER, M856, CARTON                                                                                |
| 0004 | A064  | 1305-01-252-0153 | 12597656                                              | CARTRIDGE, 5.56MM, BALL, M855 AND TRACER, M856, LINKED (4:1)                                                           |
| 0005 | A075  | 1305-01-258-8694 | 12590316                                              | CARTRIDGE, 5.56MM, BLANK, M200, LINKED                                                                                 |
| 0006 | A080  | 1305-00-182-3217 | 10534344                                              | CARTRIDGE, 5.56MM, BLANK, M200, CARTON                                                                                 |
| 0007 | AA33  | 1305-01-457-4589 | 12982987                                              | CARTRIDGE, 5.56MM, BALL, M855 (10-RD CLIPS)                                                                            |
| 0008 | A111  | 1305-00-752-8087 | 10521992                                              | CARTRIDGE, 7.62MM, BLANK, M82, LINKED                                                                                  |
| 0009 | A111  | 1305-01-181-1750 | 9381581                                               | CARTRIDGE, 7.62MM, BLANK, M82, LINKED                                                                                  |
| 0010 | A131  | 1305-00-892-2150 | 10522350                                              | CARTRIDGE, 7.62MM, NATO, BALL AND TRACER, M62, LINKED (4:1)                                                            |
| 0011 | A143  | 1305-00-892-2330 | 10524006                                              | CARTRIDGE, 7.62MM, NATO, BALL, M80                                                                                     |
| 0012 | A555  | 1305-00-028-6574 | 11735439                                              | CARTRIDGE, .50 CAL, BALL, M33, LINKED                                                                                  |
| 0013 | A557  | 1305-01-370-2594 | 12960791                                              | CARTRIDGE, .50 CAL, BALL, M33 AND TRACER, M17, LINKED (4:1)                                                            |
| 0014 | A576  | 1305-00-028-6603 | 9329737                                               | CARTRIDGE, .50 CAL, ARMOR PIERCING INCENDIARY (API), M8 AND ARMOR PIERCING INCENDIARY TRACER (APIT), M20, LINKED (4:1) |
| 0015 | A598  | 1305-01-078-4879 | 9329735                                               | CARTRIDGE, .50 CAL, BLANK, M1A1                                                                                        |
- 3.12 The Second Source Prime Contractor selected under this contract will be required to submit Production Test (PT) samples to the North American Regional Test Center (NARTC) located at Lake City Army Ammunition Plant (LCAAP) in Independence, Missouri in order to establish that subsequent production of qualified designs continues to merit the NATO Symbol of Interchangeability and to detect design changes which may have been inadvertently introduced into production. Failure of the ammunition to meet the applicable requirements may result in suspension of the use of the NATO Symbol of Interchangeability, the removal of the symbol from existing stocks, or the need for re-qualification.
- 3.12.1 The submission of ammunition samples for Production Testing shall be authorized by the U.S. Delegate to AC/225(LG/3-SG/1) who shall certify that no changes have been made to the build standard of the ammunition design that obtained Qualification Approval/NATO design number and that the ammunition is from the same production facility. The sample submitted shall be from lots which have passed national proof and inspection requirements and are considered as part of the deliverables.
- 3.12.2 The ammunition sample submitted for PT shall be a representative sample, from a normal production lot of not less than 100,000 cartridges of ball ammunition (50,000 of all other types) that has passed all national proof and inspection requirements. The ammunition must have been successfully tested at an ISO 9001 accredited facility (which could be the ammunition producer).
- 3.12.3 When more than one manufacturer is producing cartridges of the same design, a sample from each production source shall be submitted to the NARTC for separate Production Tests.
- 3.12.4 For ammunition to remain qualified it must be submitted for a PT in accordance with the following conditions:
- a. Any NATO qualified ammunition produced within a calendar year; a PT sample shall be submitted to the NARTC. However,

|                    |                                                                                 |                |
|--------------------|---------------------------------------------------------------------------------|----------------|
| CONTINUATION SHEET | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 36 of 103 |
|--------------------|---------------------------------------------------------------------------------|----------------|

**Name of Offeror or Contractor:**

if a short production period of less than 4 months overlaps calendar years, it will only be necessary to submit a PT at the end of that production period.

b. For ammunition designs in continuous production, the PT sample will represent ammunition manufactured during the 12 months up to the month of manufacture of the lot submitted.

c. For ammunition designs not in continuous production, if a period of 12 months or more has elapsed since the last PT (\*), the first lot produced when production resumes shall be submitted to the NARTC for a start-up PT (\*\*). If the period of this new production run, after start-up, exceeds 4 months, then a PT must be submitted at 12 months after start-up or at the end of production if this occurs earlier than 12 months after start-up. The PT sample will represent ammunition manufactured up to the month of manufacture of the lot submitted.

Note (\*) Date of last PT is the Month/Year of production of the ammunition lot from which the last PT sample was selected.  
Note (\*\*) Start-up PT is not representative of any ammunition production period but is conducted to confirm that the standard of the original production is being maintained.

3.12.5 The ammunition quantity to be delivered shall be in accordance with the following table (to the nearest complete box or convenient delivery quantity).

| Caliber | Type      | Single Rounds | Linked Rounds | Total |
|---------|-----------|---------------|---------------|-------|
| 5.56mm  | Ball      | 7K            | 6K            | 13K   |
| 5.56mm  | Tracer    | 7K            | 6K            | 13K   |
| 7.62mm  | Ball      | 3K            | 2K            | 5K    |
| 7.62mm  | Tracer    | 3K            | 3K            | 6K    |
| 12.7mm  | Ball      | 2K            | 3K            | 5K    |
| 12.7mm  | Tracer    | 2K            | 3K            | 5K    |
| 12.7mm  | API, APIT | 2K            | 3K            | 5K    |

4. COMPLETION DATE:

4.1 The Second Source Prime Contractor selected for this effort must have the capacity to deliver up to 300 million rounds per year of various types of small caliber ammunition specified in the contract.

4.2 For the initial buy and the follow-on delivery orders, the initial deliveries must begin within 60 days after the approval of the FAAT results and are to be completed within 12 months from first delivery.

5. DELIVERABLES: The Prime Contractor shall deliver the following:

5.1 Integrated Program/Supply Chain Management Plan and Integrated Master Schedule as stipulated in paragraph 3.4.

5.2 Configuration Management Plan as stipulated in section 3.6.

6. TYPE OF CONTRACT: A Basic Ordering Agreement contract will be utilized with Firm Fixed Price delivery orders/modifications.

|                                       |                                                                                                          |                       |
|---------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b>             | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 37 of 103</b> |
| <b>Name of Offeror or Contractor:</b> |                                                                                                          |                       |

SECTION D - PACKAGING AND MARKING

For Local Clauses See: <http://www.afsc.army.mil/ac/aais/ioc/clauses/index.htm>

|     | <u>Regulatory Cite</u> | <u>Title</u>           | <u>Date</u> |
|-----|------------------------|------------------------|-------------|
| D-1 | 52.211-4508<br>LOCAL   | PACKAGING REQUIREMENTS | JUL/1997    |

Packaging shall be as follows:

- 1. CLIN: 0001 NSN: 1305-01-155-5459 DODIC: A059  
CLIN: 0003 NSN: 1305-01-155-5457 DODIC: A063  
CLIN: 0006 NSN: 1305-00-182-3217 DODIC: A080

Packaging shall be in accordance with 12551963 revision T, dated 20 May 2002.

When lot numbering is required, no more than one lot shall be packaged in an outer shipping container.

Marking shall be in accordance with 12551963, revision T, dated 20 May 2002. 2-D bar code marking shall be in accordance with 12982865, revision G, dated 1 May 2003.

The following shall apply to drawing 12551963, revision T, dated 20 May 2002:

PERFORMANCE ORIENTED PACKAGING (POP) VERIFICATION: In no case shall a container be shipped if the gross weight marked on the package is greater than the POP certified weight. If the average gross weight of the packed containers (determined by weighing two representative samples and averaging the weight) is greater than the certified weight, container marking operations shall cease and the procuring activity shall be contacted immediately.

EXCEPTION TO PERFORMANCE ORIENTED PACKAGING (POP) MARKINGS: If manufactured outside the USA, contractor shall not apply the UN POP certification marking provided on 12551963. Contractors (outside the USA) are responsible to perform UN POP tests on packaging requirements provided in this contract and apply UN POP certification marking authorized by the Competent Authority of the state (country) of manufacture.

HEAT TREAT WOOD QUALITY MARKING: All non-manufactured wood used in packaging shall be heat-treated. Note L on 7553347, revision AA applies to this procurement. ECP R3K3015 applies to MIL-B-46506. In addition, foreign manufacturers shall have the heat treatment of non-manufactured wood products verified in accordance with their National Plant Protection Organization's compliance program.

METALLIC SEAL: Use 8794342, revision AD, dated 30 July 2004.

- 2. CLIN: 0002 NSN: 1305-01-258-8692 DODIC: A062  
CLIN: 0004 NSN: 1305-01-252-0153 DODIC: A064  
CLIN: 0005 NSN: 1305-01-258-8694 DODIC: A075

Packaging shall be in accordance with 12590217 revision T, dated 11 February 2002.

When lot numbering is required, no more than one lot shall be packaged in an outer shipping container.

Marking shall be in accordance with 12590217, revision T, Dated 11 February 2002. 2-D bar code marking shall be in accordance with 12982865, revision G, dated 1 May 2003.

The following shall apply to drawing 12590217, revision T, dated 11 February 2002:

PERFORMANCE ORIENTED PACKAGING (POP) VERIFICATION: In no case shall a container be shipped if the gross weight marked on the package is greater than the POP certified weight. If the average gross weight of the packed containers (determined by weighing two representative samples and averaging the weight) is greater than the certified weight, container marking operations shall cease and the procuring activity shall be contacted immediately.

EXCEPTION TO PERFORMANCE ORIENTED PACKAGING (POP) MARKINGS: If manufactured outside the USA, contractor shall not apply the UN POP certification marking provided on 12590217. Contractors (outside the USA) are responsible to perform UN POP tests on packaging requirements provided in this contract and apply UN POP certification marking authorized by the Competent Authority of the state (country) of manufacture.

|                                  |                                                                                                                      |                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------|
| <p><b>CONTINUATION SHEET</b></p> | <p><b>Reference No. of Document Being Continued</b></p> <p><b>PIIN/SIIN</b> W52P1J-05-R-0010      <b>MOD/AMD</b></p> | <p><b>Page 38 of 103</b></p> |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------|

**Name of Offeror or Contractor:**

HEAT TREAT WOOD QUALITY MARKING: All non-manufactured wood used in packaging shall be heat-treated. Note 3 on 12590218, revision C applies to this procurement. ECP R3K3015 applies to MIL-B-46506. In addition, foreign manufacturers shall have the heat treatment of non-manufactured wood products verified in accordance with their National Plant Protection Organization's compliance program.

METALLIC SEAL: Use drawing 8794342, revision AD, dated 30 July 2004.

3. CLIN: 0007 NSN: 1305-01-457-4589 DODIC: AA33

Packaging shall be in accordance with 12982987 revision A, dated 3 May 2001. EXCEPTION: In lieu of "Pallet, Wood, 40"x48", the palletization shall be in accordance with drawing 19-48-4168, see DS6204 below.

When lot numbering is required, no more than one lot shall be packaged in an outer shipping container.

Marking shall be in accordance with 12982987, revision A, dated 3 May 2001.

The following applies to drawing 12982988, revision E, dated 6 November 2001:

Note M7: In addition, the following apply:

PERFORMANCE ORIENTED PACKAGING: Prior to shipment, the manufacturer shall make sure the container has been tested by a Government approved Performance Oriented Packaging (POP) Test Laboratory for compliance with POP requirements in accordance with Title 49 Code of Federal Regulations. Test will be to a weight at least 10 greater than the actual gross weight to be marked on the tested container. POP marking shall not be applied to the container until verified by the Government. The POP test report shall be generated by the Manufacturer/Laboratory in accordance with DI-PACK-81059 (Data Item Description) following the test. The report must be kept on file b the contractor and must also be submitted in accordance with DI-PACK-81059. For multi-year contracts, the contractor shall re-perform POP testing at a certified test laboratory if: (a) the initial POP test report expires before the end of the contract or (b) there is a change in container manufacturer or design of the exterior shipping container. No re-test is needed if all packaging is purchased while under an unexpired POP test.

PERFORMANCE ORIENTED PACKAGING (POP) VERIFICATION: In no case shall a container be shipped if the gross weight marked on the package is greater than the POP certified weight. If the average gross weight of the packed containers (determined by weighing two representative samples and averaging the weight) is greater than the certified weight, container marking operations shall cease and the procuring activity shall be contacted immediately.

EXCEPTION TO PERFORMANCE ORIENTED PACKAGING (POP) MARKINGS: Contractors outside the USA are responsible to perform UN POP tests on packaging requirements provided in this contract and apply UN POP certification marking authorized by the Competent Authority of the state (country) of manufacture.

EXCEPTION TO NOTE 3 ON DRAWING 12982988 - change from "800 LBS", TO "400 LBS".

4. CLIN: 0009 NSN: 1305-00-752-8087 DODIC: A111  
CLIN: 0011 NSN: 1305-00-892-2330 DODIC: A143

Packaging shall be in accordance with 12960962 revision J, dated 31 January 2003.

When lot numbering is required, no more than one lot shall be packaged in an outer shipping container.

Marking shall be in accordance with 12960962, revision J, dated 31 January 2003.

The following shall apply to drawing 12960962, revision J, dated 31 January 2003:

Note M20: Use drawing 12982865, revision G, dated 1 May 2003. 2D-bar code marking is required. In addition, the following apply:

PERFORMANCE ORIENTED PACKAGING (POP) VERIFICATION: In no case shall a container be shipped if the gross weight marked on the package is greater than the POP certified weight. If the average gross weight of the packed containers (determined by weighing two representative samples and averaging the weight) is greater than the certified weight, container marking operations shall cease and the procuring activity shall be contacted immediately.

EXCEPTION TO PERFORMANCE ORIENTED PACKAGING (POP) MARKINGS: If manufactured outside the USA, contractor shall not apply the UN POP certification marking provided in this 12960962. Contractors (outside the USA) are responsible to perform UN POP tests on packaging requirements provided in this contract and apply UN POP certification marking authorized by the Competent Authority of the state

|                           |                                                                                                          |                       |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 39 of 103</b> |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|

**Name of Offeror or Contractor:**

(country) of manufacture.

Heat treat requirements for all non-manufactured wood used in packaging applies to this contract. See 5581378, note "L". ECP R3K3015 applies to MIL-B-46506. In addition foreign manufacturers shall have the heat treatment of non-manufactured wood products verified in accordance with their National Plant Protection Organization's compliance program.

5. CLIN: 0008 NSN: 1305-01-181-1750 DODIC: A111

Packaging shall be in accordance with 12960962 revision J, dated 31 January 2003.

When lot numbering is required, no more than one lot shall be packaged in an outer shipping container.

Marking shall be in accordance with 12960962, revision J, dated 31 January 2003. 2-D bar code marking shall be in accordance with 12982865, revision G, dated 1 May 2003.

The following shall apply to drawing 12960962, revision J, dated 31 January 2003:

PERFORMANCE ORIENTED PACKAGING (POP) VERIFICATION: In no case shall a container be shipped if the gross weight marked on the package is greater than the POP certified weight. If the average gross weight of the packed containers (determined by weighing two representative samples and averaging the weight) is greater than the certified weight, container marking operations shall cease and the procuring activity shall be contacted immediately.

EXCEPTION TO PERFORMANCE ORIENTED PACKAGING (POP) MARKINGS: If manufactured outside the USA, contractor shall not apply the UN POP certification marking provided 12960962. Contractors (outside the USA) are responsible to perform UN POP tests on packaging requirements provided in this contract and apply UN POP certification marking authorized by the Competent Authority of the state (country) of manufacture.

HEAT TREAT WOOD QUALITY MARKING: All non-manufactured wood used in packaging shall be heat-treated. Note L on 5581378, revision Y applies to this procurement. ECP R3K3015 applies to MIL-B-46506. In addition, foreign manufacturers shall have the heat treatment of non-manufactured wood products verified in accordance with their National Plant Protection Organization's compliance program.

ECP R04K3003 applies to 8794342, revision AC and 12982865, revision G.

6. CLIN: 0010 NSN: 1305-00-892-2150 DODIC: A131

Packaging shall be in accordance with 12960962 revision J, dated 31 January 2003.

When lot numbering is required, no more than one lot shall be packaged in an outer shipping container.

Marking shall be in accordance with 12960962, revision J, dated 31 January 2003.

The following shall apply to drawing 12960962, revision J, dated 31 January 2003:

2D-bar code marking: Note M20. drawing 12982865, revision G, dated 1 May 2003 applies.

ECP R3K3021 applies to 12999545, Rev-.

PERFORMANCE ORIENTED PACKAGING (POP) VERIFICATION: In no case shall a container be shipped if the gross weight marked on the package is greater than the POP certified weight. If the average gross weight of the packed containers (determined by weighing two representative samples and averaging the weight) is greater than the certified weight, container marking operations shall cease and the procuring activity shall be contacted immediately.

EXCEPTION TO PERFORMANCE ORIENTED PACKAGING (POP) MARKINGS: If manufactured outside the USA, contractor shall not apply the UN POP certification marking provided on 12960962. Contractors (outside the USA) are responsible to perform UN POP tests on packaging requirements provided in this contract and apply UN POP certification marking authorized by the Competent Authority of the state (country) of manufacture.

Heat treat requirements for all non-manufactured wood used in packaging applies to this contract in accordance with 5581378, Note L. ECP R3K3015 applies to MIL-B-46506. In addition foreign manufacturers shall have the heat treatment of non-manufactured wood products verified in accordance with their National Plant Protection Organization's compliance program.

DRAWING 10534019 - Car Seal - Use 8794342, Rev "AB" in lieu of Rev "AC".

7. CLIN: 0012 NSN: 1305-00-028-6574 DODIC: A555  
CLIN: 0015 NSN: 1305-01-078-4879 DODIC: A598

Packaging shall be in accordance with 12576456 revision V, dated 19 March 2003.

|                    |                                                                                 |                |
|--------------------|---------------------------------------------------------------------------------|----------------|
| CONTINUATION SHEET | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 40 of 103 |
|--------------------|---------------------------------------------------------------------------------|----------------|

**Name of Offeror or Contractor:**

When lot numbering is required, no more than one lot shall be packaged in an outer shipping container. Marking shall be in accordance with 12576456, revision V, dated 19 March 2003.

The following shall apply to drawing 12576456, revision V, dated 19 March 2003:  
Note M15: 2D-bar code marking is required in accordance with 12982865, revision G, dated 1 May 2003.

PERFORMANCE ORIENTED PACKAGING (POP) VERIFICATION: In no case shall a container be shipped if the gross weight marked on the package is greater than the POP certified weight. If the average gross weight of the packed containers (determined by weighing two representative samples and averaging the weight) is greater than the certified weight, container marking operations shall cease and the procuring activity shall be contacted immediately.

EXCEPTION TO PERFORMANCE ORIENTED PACKAGING (POP) MARKINGS: If manufactured outside the USA, contractor shall not apply the UN POP certification marking provided on 12576456. Contractors (outside the USA) are responsible to perform UN POP tests on packaging requirements provided in this contract and apply UN POP certification marking authorized by the Competent Authority of the state (country) of manufacture.

Heat treat requirements for all non-manufactured wood used in packaging applies to this contract. See 12576456, Note M26. ECP R3K3015 applies to MIL-B-46506. In addition foreign manufacturers shall have the heat treatment of non-manufactured wood products verified in accordance with their National Plant Protection Organization's compliance program.

METALLIC SEAL: Use 8794342, revision AB in lieu of revision AC.

- 8. CLIN: 0013 NSN: 1305-01-370-2594 DODIC: A557  
CLIN: 0014 NSN: 1305-00-028-6603 DODIC: A576

Packaging shall be in accordance with 12576456 revision V, dated 19 March 2003.

When lot numbering is required, no more than one lot shall be packaged in an outer shipping container.

Marking shall be in accordance with 12576456, revision V, dated 19 March 2003.

The following shall apply to drawing 12576456, revision V, dated 19 March 2003:

Note M15: 2D-bar code marking is required in accordance with 12982865, revision G, dated 1 May 2003.

PERFORMANCE ORIENTED PACKAGING (POP) VERIFICATION: In no case shall a container be shipped if the gross weight marked on the package is greater than the POP certified weight. If the average gross weight of the packed containers (determined by weighing two representative samples and averaging the weight) is greater than the certified weight, container marking operations shall cease and the procuring activity shall be contacted immediately.

EXCEPTION TO PERFORMANCE ORIENTED PACKAGING (POP) MARKINGS: If manufactured outside the USA, contractor shall not apply the UN POP certification marking provided on 12576456. Contractors (outside the USA) are responsible to perform UN POP tests on packaging requirements provided in this contract and apply UN POP certification marking authorized by the Competent Authority of the state (country) of manufacture.

Heat treat requirements for all non-manufactured wood used in packaging applies to this contract. See 7553347, Note L. ECP R3K3015 applies. In addition foreign manufacturers shall have the heat treatment of non-manufactured wood products verified in accordance with their National Plant Protection Organization's compliance program.

METALLIC SEAL: Use 8794342, revision AB in lieu of revision AC

(End of clause)

(DS6303)

|     |                      |                           |          |
|-----|----------------------|---------------------------|----------|
| D-2 | 52.247-4517<br>LOCAL | PALLETIZATION INSTRUCTION | MAR/1992 |
|-----|----------------------|---------------------------|----------|

Palletization shall be as follows:

- 1. CLIN: 0001 NSN: 13052-01-155-5459 DODIC: A059

in accordance with 19-48-4116/5, revision 15, dated March 2000 and 19-48-4116, revision 8, June 2003. Marking shall be in accordance with ACV00561, revision B, dated 1 April 2002. ECP R3K3017 and R3K3024 apply to ACV00561. 2D-bar code markings are required.



| CONTINUATION SHEET             | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 41 of 103 |
|--------------------------------|---------------------------------------------------------------------------------|----------------|
| Name of Offeror or Contractor: |                                                                                 |                |

HEAT TREAT WOOD QUALITY MARKING:

Heat Treat requirements for all non-manufactured wood used in the palletized load applies to this contract. In addition, foreign manufacturers shall have the heat treatment of non-manufactured wood products verified in accordance with their National Plant Protection Organization's compliance program.

2. CLIN: 0002 NSN: 1305-01-258-8692 DODIC: A062  
CLIN: 0005 NSN: 1305-01-258-8694 DODIC: A075

in accordance with 19-48-4116/5C, revision 6, dated January 2000 and 19-48-4116, revision 8, June 2003. Marking shall be in accordance with ACV00561, revision C, dated 11 July 2003. 2-D Bar Code markings are required.

HEAT TREAT WOOD QUALITY MARKING: Heat Treat requirements for all non-manufactured wood used in the palletized load applies to this contract. In addition, foreign manufacturers shall have the heat treatment of non-manufactured wood products verified in accordance with their National Plant Protection Organization's compliance program.

3. CLIN: 0003 NSN: 1305-01-155-5457 DODIC: A063

in accordance with 19-48-4116/5, revision 16, dated June 2002 and 19-48-4116, revision 8, June 2003. Marking shall be in accordance with ACV00561, revision C, dated 11 July 2003. 2-D Bar Code markings are required.

HEAT TREAT WOOD QUALITY MARKING: Heat Treat requirements for all non-manufactured wood used in the palletized load applies to this contract. In addition, foreign manufacturers shall have the heat treatment of non-manufactured wood products verified in accordance with their National Plant Protection Organization's compliance program.

4. CLIN: 0004 NSN: 1305-01-252-0153 DODIC: A064

in accordance with 19-48-4116/5C, revision 6, dated January 2000 and 19-48-4116, revision 8, June 2003. Marking shall be in accordance with ACV00561, revision B, dated 10 April 2002. ECP R3K3017 and R3K3024 apply to ACV00561. 2-D Bar Code markings are required.

HEAT TREAT WOOD QUALITY MARKING: Heat Treat requirements for all non-manufactured wood used in the palletized load applies to this contract. In addition, foreign manufacturers shall have the heat treatment of non-manufactured wood products verified in accordance with their National Plant Protection Organization's compliance program.

5. CLIN: 0006 NSN: 305-00-182-3217 DODIC: A080

in accordance with 19-48-4116/5A, revision 6, dated May 1996 and 19-48-4116, revision 8, June 2003. Marking shall be in accordance with ACV00561, revision C, dated 11 July 2003. 2-D Bar Code markings are required.

HEAT TREAT WOOD QUALITY MARKING: Heat Treat requirements for all non-manufactured wood used in the palletized load applies to this contract. In addition, foreign manufacturers shall have the heat treatment of non-manufactured wood products verified in accordance with their National Plant Protection Organization's compliance program.

6. CLIN: 0007 NSN: 1305-01-457-4589 DODIC: AA33

in accordance with 19-48-4168, revision 1, dated September 2003, draft. Marking shall be in accordance with drawing ACV00561, revision C, dated 11 July 2003.

HEAT TREAT WOOD QUALITY MARKING: Heat Treat requirements for all non-manufactured wood used in the palletized load applies to this contract. In addition, foreign manufacturers shall have the heat treatment of non-manufactured wood products verified in accordance with their National Plant Protection Organization's compliance program.

7. CLIN: 0008 NSN: 1305-01-181-1750 DODIC: A111  
CLIN: 0009 NSN: 1305-00-752-8087 DODIC: A111  
CLIN: 0010 NSN: 1305-00-892-2150 DODIC: A131  
CLIN: 0011 NSN: 1305-00-892-2330 DODIC: A143

in accordance with 19-48-4116/7, revision 8, dated June 2002 and 19-48-4116, revision 8 dated June 2003. Marking shall be in accordance with drawing ACV00561, revision B, dated 1 April 2002. ECP R3K3017 and R3K3024 apply to ACV00561.

HEAT TREAT WOOD QUALITY MARKING: Heat Treat requirements for all non-manufactured wood used in the palletized load applies to this contract. In addition, foreign manufacturers shall have the heat treatment of non-manufactured wood products verified in accordance with their National Plant Protection Organization's compliance program.

8. CLIN: 0012 NSN: 1305-00-028-6574 DODIC: A555

|                    |                                           |         |                |
|--------------------|-------------------------------------------|---------|----------------|
| CONTINUATION SHEET | Reference No. of Document Being Continued |         | Page 42 of 103 |
|                    | PIIN/SIIN W52P1J-05-R-0010                | MOD/AMD |                |

Name of Offeror or Contractor:

CLIN: 0013 NSN: 1305-01-370-2594 DODIC: A557  
CLIN: 0014 NSN: 1305-00-028-6603 DODIC: A576  
CLIN: 0015 NSN: 1305-01-078-4879 DODCI: A598

in accordance with 19-48-4116/14, revision 14, dated November 2002 and 19-48-4116, revision 8 dated June 2003. Marking shall be in accordance with drawing ACV00561, revision B, dated 1 April 2002. ECP R3K3017 and R3K3024 apply to ACV00561. 2D-bar code marking shall be applied to the palletized load.

HEAT TREAT WOOD QUALITY MARKING: Heat Treat requirements for all non-manufactured wood used in the palletized load applies to this contract. In addition, foreign manufacturers shall have the heat treatment of non-manufactured wood products verified in accordance with their National Plant Protection Organization's compliance program.

(End of clause)

(DS6204)

|                           |                                                                                                          |                       |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 43 of 103</b> |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|

**Name of Offeror or Contractor:**

SECTION E - INSPECTION AND ACCEPTANCE

For Local Clauses See: <http://www.afsc.army.mil/ac/aais/ioc/clauses/index.htm>

The following Federal Acquisition Regulation (FAR), DoD FAR Supplement clauses and provisions, the full text of which will be made available upon request, are incorporated herein by reference with the same force and effect as if set forth in full text.

The text of the clauses incorporated by reference herein are available from the contract specialist indicated in block 7 of the Standard Form 33 or (as applicable) the contracting officer and will be furnished upon request. Other documents are available as indicated in the schedule.

Any company/individual wishing to purchase a copy of the Federal Acquisition Regulation (FAR), the Army FAR Supplement or the DOD FAR Supplement, may do so from the Superintendent of Documents, US Government Printing Office, Washington DC 20402

(EA7001)

|     | <u>Regulatory Cite</u> | <u>Title</u>                            | <u>Date</u> |
|-----|------------------------|-----------------------------------------|-------------|
| E-1 | 52.246-2               | INSPECTION OF SUPPLIES-FIXED-PRICE      | AUG/1996    |
| E-2 | 52.246-16              | RESPONSIBILITY FOR SUPPLIES             | APR/1984    |
| E-3 | 52.209-4512<br>LOCAL   | FIRST ARTICLE TEST (CONTRACTOR TESTING) | MAY/1994    |

a. First Article Acceptance Testing is required on the following components in accordance with the given specifications or Drawing.

A059: 5.56mm, Ball M855 Clip  
Cartridge: MIL-C-63989C W/AMD 4  
Primer: MIL-DTL-46610F  
M2A1/M19A1 Can: MIL-B-3060E W/AMD 4  
Wirebound Box: MIL-B-46506D W/AMD 7  
Bandoleer: MIL-B-48553 W/AMD 3  
Clip: Drawing # 11010483

A075: 5.56mm, Blank M200 Linked  
Cartridge: MIL-C-60616C W/AMD 3  
Primer: MIL-DTL-46610F  
Wirebound Box: MIL-B-46506D W/AMD 7  
Bandoleer: Drawing # 9349295  
M27 Link: MIL-L-63532 W/AMD 2  
Magazine: MIL-B-63992 W/AMD 3

A063: 5.56mm, Tracer M856 Single Rd  
Cartridge: MIL-C-63990C W/AMD 4  
Primer: MIL-DTL-46610F  
PA108 Can: Drawing # 12590217  
M2A1/M19A1 Can: MIL-B-3060E W/AMD 4  
Wirebound Box: MIL-B-46506D W/AMD 7

AA33: 5.56mm, Ball M855 10 Rd Clip  
Cartridge: MIL-C-63989C W/AMD 4  
Primer: MIL-DTL-46610F  
M2A1/M19A1 Can: MIL-B-3060E W/AMD 4  
Wirebound Box: MIL-B-46506D W/AMD 7  
Clip: Drawing # 11010483

A111 (w/Bandoleer): 7.62mm, Blank M82 Linked  
Cartridge: MIL-C-46933A W/AMD 9  
Primer: MIL-DTL-46610F  
M2A1/M19A1 Can: MIL-B-3060E W/AMD 4  
Wirebound Box: MIL-B-46506D W/AMD 7  
M13 Link: MIL-L-45403D W/AMD 2

A062: 5.56mm, Ball M855 Linked  
Cartridge: MIL-C-63989C W/AMD 4  
Primer: MIL-DTL-46610F  
PA108 Can: Drawing # 12590217  
Wirebound Box: MIL-B-46506D W/AMD 7  
Bandoleer: MIL-B-63992A W/AMD 3  
M27 Link: MIL-L-63532 W/AMD 2  
Magazine: MIL-S-70538A W/AMD 2

A064: 5.56mm, 4 Ball M855/1 Tracer M856 Linked  
Cartridge (M855 Ball): MIL-C-63989C W/AMD 4  
Cartridge (M856 Tracer): MIL-C-63990C W/AMD 4  
Primer: MIL-DTL-46610F  
PA108 Can: Drawing # 12590217  
Wirebound Box: MIL-B-46506D W/AMD 7  
Bandoleer: Drawing # 9349295  
M27 Link: MIL-L-63532 W/AMD 2  
Magazine: MIL-S-70538A W/AMD 2

A080: 5.56mm, Blank M200  
Cartridge: MIL-C-60616C  
Primer: MIL-DTL-46610F  
M2A1/M19A1 Can: MIL-B-3060E W/AMD 4  
Wirebound Box: MIL-B-46506D W/AMD 7  
M27 Link: MIL-L-63532 W/AMD 2

A111 (w/o Bandoleer): 7.62mm, Blank M82 Linked  
Cartridge: MIL-C-46933A W/AMD 9  
Primer: MIL-DTL-46610F  
M2A1/M19A1 Can: MIL-B-3060E W/AMD 4  
Wirebound Box: MIL-B-46506D W/AMD 7  
M13 Link: MIL-L-45403D W/AMD 2

A131: 7.62mm, 4 Ball M80/1 Tracer M62 Linked  
Cartridge (M80): MIL-C-46931F W/AMD 3  
Cartridge (M62): MIL-C-46281F W/AMD 3

| CONTINUATION SHEET | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 44 of 103 |
|--------------------|---------------------------------------------------------------------------------|----------------|
|--------------------|---------------------------------------------------------------------------------|----------------|

**Name of Offeror or Contractor:**

|                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Bandoleer: Drawing #10534012</p> <p>A143: 7.62mm, Ball M80 Linked</p> <p>Cartridge: MIL-C-46931F W/AMD 3</p> <p>Primer: MIL-DTL-46610F</p> <p>M2A1/M19A1 Can: MIL-B-3060E W/AMD 4</p> <p>Wirebound Box: MIL-B-46506D W/AMD 7</p> <p>M13 Link: MIL-L-45403D W/AMD 2</p>                                          | <p>Primer: MIL-DTL-46610F</p> <p>M2A1/M19A1 Can: MIL-B-3060E W/AMD 4</p> <p>Wirebound Box: MIL-B-46506D W/AMD 7</p> <p>M13 Link: MIL-L-45403D W/AMD 2</p>                                                                                                               |
| <p>A557: .50 Cal, 4 Ball M33/1 Tracer M17 Linked</p> <p>Cartridge (M33): MIL-C-10190D W/AMD 4</p> <p>Cartridge (M17): MIL-C-1318B W/AMD 5</p> <p>Primer: MIL-DTL-46610F</p> <p>M2A1/M19A1 Can: MIL-B-3060E W/AMD 4</p> <p>Wirebound Box: PPP-B-585D &amp; Drawing 7553347</p> <p>M9 Link: MIL-L-45923B W/AMD 1</p> | <p>A555: .50 Cal, Ball M33 Linked</p> <p>Cartridge: MIL-C-10190D W/AMD 4</p> <p>Primer: MIL-DTL-46610F</p> <p>M2A1/M19A1 Can: MIL-B-3060E W/AMD 4</p> <p>Wirebound Box: PPP-B-585D and Drawing 7553347</p> <p>M9 Link: MIL-L-45923b W/AMD 1</p>                         |
| <p>A598: .50 Cal, Blank M1A1 Linked</p> <p>Cartridge: MIL-C-48623 W/AMD 3</p> <p>Primer: MIL-DTL-46610F</p> <p>M2A1/M19A1 Can: MIL-B-3060E W/AMD 4</p> <p>Wirebound Box: PPP-B-585D and Drawing 7553347</p> <p>M9 Link: MIL-L-45923B W/AMD 1</p>                                                                   | <p>A576: .50 Cal, 4 Ball M8/1 API-Tracer M20 Linked</p> <p>Cartridge (Both): MIL-C-3066C W/AMD 1</p> <p>Primer: MIL-DTL-46610F</p> <p>Wirebound Box: PPP-B-585D and Drawing 7553347</p> <p>M9 Link: MIL-L-45923B W/AMD 1</p> <p>M2A1/M19A1 Can: MIL-B-3060E W/AMD 4</p> |

b. First Article Acceptance Test requirements are specified in Section E herein. Satisfaction of FAAT requirements are required for each supplier or each supplier/vendor as proposed. In the event that the FAAT is waived for a particular CLIN, the proposed matrix without FAAT cost for that CLIN will be used for award purposes.

c. The first article shall be representative of items to be manufactured using the same processes and procedures and at the same facility as contract production. All parts and materials, including packaging and packing, shall be obtained from the same source of supply as will be used during regular production. All components, subassemblies, and assemblies in the first article sample shall have been produced by the Contractor (including subcontractors) using the technical data package provided by the Government.

d. The first article shall be inspected and tested by the contractor for all requirements of the drawing(s), the QAPs, and specifications) referenced thereon, except for:

(1) Inspections and tests contained in material specifications provided that the required inspection and tests have been performed previously and certificates of conformance are submitted with the First Article Test Report.

(2) Inspections and tests for Military Standard (MS) components and parts provided that inspection and tests have been performed previously and certifications for the components and parts are submitted with the First Article Test Report.

(3) Corrosion resistance tests over 10 days in length provided that a test specimen or sample representing the same process has successfully passed the same test within 30 days prior to processing the first article, and results of the tests are submitted with the First Article Test Report.

(4) Life cycle tests over 10 days in length provided that the same or similar items manufactured using the same processes have successfully passed the same test within 1 year prior to processing the first article and results of the tests are submitted with the First Article Test Report.

(5) Onetime qualification tests, which are defined as a onetime on the drawing(s), provided that the same or similar item manufactured using the same processes has successfully passed the tests, and results of the test are on file at the contractor's facility and certifications are submitted with the First Article Test Report.

e. The Contractor shall provide to the Contracting Officer at least 30 calendar days CONUS/60 OCONUS advance notice of the scheduled date for final inspection and test of the first article. Those inspections which are of a destructive nature shall be performed upon additional sample parts selected from the same lot(s) or batch(es) from which the first article was selected.

f. A First Article Test Report shall be compiled by the contractor documenting the results of all inspections and tests (including suppliers' and vendors' inspection records and certifications, when applicable). The First Article Test Report shall include actual inspection and test results to include all measurements, recorded test data, and certifications (if applicable) keyed to each drawing, specification and QAP requirement and identified by each individual QAP characteristic, drawing/specification characteristic and unlisted characteristic. The Government Quality Assurance Representative's (QAR) findings shall be documented on DD Form 1222, Request for and Results of Tests, and attached to the contractor's test report. Two copies of the First Article Test Report and the DD Form

|                           |                                                                                                          |                       |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 45 of 103</b> |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|

**Name of Offeror or Contractor:**

1222 will be submitted through the Administrative Contracting Officer to the Contracting Officer with an additional information copy furnished to the Reviewing Office SFSJM-QAP .

g. Notwithstanding the provisions for waiver of first article, an additional first article sample or portion thereof, may be ordered by the Contracting Officer in writing when (i) a major change is made to the technical data, (ii) whenever there is a lapse in production for a period in excess of 90 days, or (iii) Whenever a change occurs in place of performance, manufacturing process, material used, drawing, specification or source of supply. When conditions (i), (ii), or (iii) above occurs, the Contractor shall notify the Contracting Officer so that a determination can be made concerning the need for the additional first article sample or portion thereof, and instructions provided concerning the submission, inspection, and notification of results. Costs of the first article testing resulting from production process change, change in the place of performance, or material substitution shall be borne by the Contractor.

(End of clause)

(ES6031)

|     |             |                                 |          |
|-----|-------------|---------------------------------|----------|
| E-4 | 52.245-4538 | GOVERNMENT FURNISHED AMMUNITION | MAY/1994 |
|     | LOCAL       |                                 |          |

For .50 Cal Reference Rounds, 1305-00-782-5831, DODIC A552, LOT LC-89B000R012; 5.56mm Reference Rounds, 1305-01-155-5456, LOT LC-87F000R011; and 7.62mm Reference Rounds, 1305-00-782-5831, DODIC A150. The Second Source Prime Contractor must determine reference round quantities needed for production support and are required to submit request to AMSFS-CCA-F. Quantities are subject to verification by SFSJM-QAP.

(End of clause)

(ES6025)

|     |             |                                             |          |
|-----|-------------|---------------------------------------------|----------|
| E-5 | 52.245-4540 | GOVERNMENT FURNISHED TEST SUPPORT EQUIPMENT | JAN/1995 |
|     | LOCAL       |                                             |          |

The Government will furnish the following test equipment to support First Article, Reliability, and/or Acceptance Tests. The Contractor will submit a written request for this property to the Contracting Officer no later than forty five (45) days prior to the desired delivery date.

CLIN 0001 A059: MIL-C-63989 requires the following weapons for ballistic testing. M249 SAW Machine Gun and M16A2 Rifle. This is not a statement of availability. Contractor must submit a request for test weapons to AMSFS-CCA-F.

CLIN 0002 A062: MIL-C-63989 requires the following weapons for ballistic testing. M249 SAW Machine Gun and M16A2Rifle. This is not a statement of availability. Contractor must submit a request for test weapons to AMSFS-CCA-F.

CLIN 0003 A063: MIL-C-63990 requires the following weapons for ballistic testing. M249 SAW Machine Gun and M16A2 Rifle. This is not a statement of availability. Contractor must submit a request for test weapons to AMSFS-CCA-F.

CLIN 0004 A064: MIL-C-63989 requires the following weapons for ballistic testing. M249 SAW Machine Guns and M16A2 Rifle. This is not a statement of availability. Contractor must submit a request for test weapons to AMSFS-CCA-F.

CLIN 0005 A075: MIL-C-63989 requires the following weapons for ballistic testing. M249 SAW Machine Gun, M16, M16A1 and M16A2 Rifles. This is not a statement of availability. Contractor must submit a request for test weapons to AMSFS-CCA-F.

CLIN 0006 A080: The following weapons are required for ballistics testing. M249 MACHINE GUN, M16 Rifle, M16A1 RIFLE, M16A2 RIFLE. This is not a statement of availability. Contractor must submit a request for test weapons to AMSFS-CCA-F.

CLIN 0007 AA33: The following weapons are required for ballistics testing. M249 MACHINE GUN, RIFLES - M16A2. This is not a statement of availability. Contractor must submit a request for test weapons to AMSFS-CCA-F.

M27 Link: The following weapon is required for ballistics testing. M249 MACHINE GUN. This is not a statement of availability. Contractor must submit a request for test weapons to AMSFS-CCA-F.

CLIN 0008 & 0009 A111: The following weapons are required for ballistics testing. Machine guns M60, M240, and Rifle, M14A1. This is not a statement of availability. Contractor must submit a request for test weapons to AMSFS-CCA-F.

| CONTINUATION SHEET             | Reference No. of Document Being Continued<br>PIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 46 of 103 |
|--------------------------------|--------------------------------------------------------------------------------|----------------|
| Name of Offeror or Contractor: |                                                                                |                |

CLIN 0010 A131: The following weapons are required for ballistics testing. Machine Guns M60, M240, M240B, T65E1 and Rifles M14A1, FN (LAR), and H&K G3A2. This is not a statement of availability. Contractor must submit a request for test weapons to AMSFS-CCA-F.

CLIN 0011 A143: The following weapons are required for ballistics testing. Machine Guns M60, M240, M240B, T65E1 and Rifles M14A1, FN (LAR), and H&K G3A2. This is not a statement of availability. Contractor must submit a request for test weapons to AMSFS-CCA-F.  
M13 Link: The following weapons are required for ballistics testing. Machine Guns M60, M240 (Left Hand Feed), and M240C (Right Hand Feed). This is not a statement of availability. Contractor must submit a request for test weapons to AMSFS-CCA-F.

CLIN 0012 A555: The following weapons are required for ballistics testing. Machine Guns M2HB Turrent Type and M2HB Flexible Type Machine Guns. This is not a statement of availability. Contractor must submit a request for test weapons to AMSFS-CCA-F.

CLIN 0013 A557: The following weapons are required for ballistics testing. Machine Guns M2HB Turrent Type and M2HB Flexible Type Machine Guns. This is not a statement of availability. Contractor must submit a request for test weapons to AMSFS-CCA-F.

CLIN 0014 A576: The following weapons are required for ballistics testing. Machine Guns M2HB Turrent Type, M2HB Flexible Type, and AN-M3 Aircraft Type Machine Guns. This is not a statement of availability. Contractor must submit a request for test weapons to AMSFS-CCA-F.

CLIN 0015 A598: The following weapons are required for ballistics testing. M2HB Turrent Type and M2HB Flexible Type Machine Guns. This is not a statement of availability. Contractor must submit a request for test weapons to AMSFS-CCA-F.  
M9 Link: The following weapon is required for ballistics testing. Machine Guns M2HB Turrent Type. This is not a statement of availability. Contractor must submit a request for test weapons to the C.

(End of clause)

(ES6115)

|     |                    |                                           |          |
|-----|--------------------|-------------------------------------------|----------|
| E-6 | 52.246-11<br>LOCAL | HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT | FEB/2004 |
|-----|--------------------|-------------------------------------------|----------|

(a) Definition. "Contract date", as used in this clause, means the date set for bid opening; or if this is a negotiated contract or a modification, the effective date of this contract or modification.

(b) The Contractor shall comply with:

( ) ISO 9002

(X) ISO 9001-2000; only design/development exclusions permitted

( ) ISO 9001-2000; no exclusions permitted

or an alterate program/system approved by the activity listed in block 7 of the Standard Form 33, in effect on the contract date and which is hereby incorporated into this contract.

(End of clause)

(ES6001)

|     |                      |                                   |          |
|-----|----------------------|-----------------------------------|----------|
| E-7 | 52.246-4506<br>LOCAL | STATISTICAL PROCESS CONTROL (SPC) | FEB/2004 |
|-----|----------------------|-----------------------------------|----------|

a. In addition to the quality requirements of the technical data package, the Contractor shall implement Statistical Process Control (SPC) in accordance with a government accepted SPC Program Plan. Control chart techniques shall be in accordance with the American National Standards Institute (ANSI) B1, B2 and B3. Alternate SPC charting methods may be proposed and submitted to the Government for review.

b. The SPC Program Plan developed by the contractor shall consist of a general plan and a detailed plan. The plans shall be structured as delineated on the Data Item Description referenced in the DD Form 1423. The general and the detailed plans shall be submitted to the government for review per DD Form 1423 requirements. Notification by the Government of acceptance or non-acceptance of the plans shall be provided in accordance with the timeframes specified on the DD Form 1423. Once a general plan for a facility has

|                                                              |                                                                                                                                                                |                                                          |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <p style="text-align: center;"><b>CONTINUATION SHEET</b></p> | <p style="text-align: center;"><b>Reference No. of Document Being Continued</b></p> <p style="text-align: center;">PIIN/SIIN W52P1J-05-R-0010      MOD/AMD</p> | <p style="text-align: center;"><b>Page 47 of 103</b></p> |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|

**Name of Offeror or Contractor:**

been approved by this Command, the approval remains in effect for subsequent contracts as long as the contractual requirements remain substantially unchanged from contract to contract. Therefore, resubmission of a previously accepted general SPC plan is not required if current SPC contract clause and Data Item Description (DID) requirements are fulfilled. If this Command has previously accepted the general SPC plan under essentially the same SPC contractual requirements, so indicate by providing the Contracting Officer with the following information:

Date of Acceptance \_\_\_\_\_

Contract Number(s) \_\_\_\_\_

- c. The contractor is responsible for updating the general plan to current SPC contractual requirements. If errors or omissions are encountered in a previously accepted SPC general plan, opportunities for improvement will be identified by the Government, and corrective action shall be accomplished by the contractor.
  
- d. A milestone schedule will be submitted for those facilities that do not have, or have never had, a fully implemented SPC program and will not have a fully operational SPC program once production is initiated. The milestones shall provide a time phased schedule of all efforts planned relative to implementation of an SPC program acceptable to the Government. A milestone schedule shall include implementation start and complete dates for those SPC subjects addressed in the Statistical Process Control Statement of Work located in Section C. The milestone schedule shall only include those actions that can not be accomplished prior to first article or the initiation of production, if a first article is not required. Milestones shall be developed for each commodity identified for SPC application. Milestones shall be submitted through the Government Quality Assurance Representative to the Contracting Officer for review and acceptance. Any deviations from the accepted milestones, to include justification for such deviations, shall be resubmitted through the same channels for review. The Government reserves the right to disapprove any changes to the previously accepted milestones. Notification by the Government of the acceptance or non-acceptance of the milestones shall be furnished to the Contractor by the Contracting Officer.
  
- e. The Contractor shall review all process and operation parameters for possible application of SPC techniques. This review shall include processes and operations under the control of the prime contractor and those under the control of subcontractor or vendor facilities. A written justification shall be included in the detailed plan for each process and operation parameter that controls or influences characteristics identified as critical, special, or major which have been deemed impractical for the application of SPC techniques. A pamphlet on application of SPC for short production runs is available through the Contracting Officer.
  
- f. Statistical evidence in the form of control charts shall be prepared and maintained for each process or operation parameter identified in the detailed plan. These charts shall identify all corrective actions taken on statistical signal. During production runs, control charts shall be maintained in such a manner to assure product is traceable to the control charts. At the conclusion of the production run, a collection of charts traceable to the product, shall be maintained for a minimum of 3 years. The control charts shall be provided to the Government for review at any time upon request.
  
- g. When the process or operation parameter under control has demonstrated both stability and capability, the Contractor -1- request, in writing, through Administrative Contracting Officer (ACO) and Contracting Officer (CO) channels to the Product Assurance and Test Directorate, that acceptance inspection or testing performed in accordance with contract requirements be reduced or eliminated. Upon approval by the CO, acceptance shall then be based upon the accepted SPC plan, procedures, practices and the control charts.
  
- h. The Government will not consider requests for reduction or elimination of 100% acceptance inspection and testing of parameters or characteristics identified as critical in the technical data package, specifications or drawings of this contract if any one of the following conditions exist:
  - (1) The existing process currently utilizes a fully automated, cost effective, and sufficiently reliable method of 100% acceptance inspection or testing for an attribute-type critical parameter or characteristic.
  - (2) The Contractor utilizes attribute SPC control chart methods for the critical parameter or characteristic.
  - (3) The critical parameter or characteristic is a first order, single point safety failure mode (nonconformance of the critical parameter or characteristic in and of itself would cause a catastrophic failure).
  
- i. The Government will only consider reduction or elimination of the 100% acceptance inspection or test requirement for other critical parameters or characteristics if either of the following conditions are met:
  - (1) The process is in a state of statistical control utilizing variable control chart methods for the critical parameter or characteristic under control and the process performance index (Cpk) is at least 2.0. The Contractor shall maintain objective quality evidence through periodic audits that the process performance index was maintained for each production delivery.
  - (2) The critical parameter or characteristic is conclusively shown to be completely controlled by one or more process or operation parameters earlier in the process, and those parameters are in a state of statistical control utilizing variable data, and the product of the probability of the conformance for each earlier parameter associated to the critical characteristic is better than or equal to a

|                    |                                                                                 |                |
|--------------------|---------------------------------------------------------------------------------|----------------|
| CONTINUATION SHEET | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 48 of 103 |
|--------------------|---------------------------------------------------------------------------------|----------------|

**Name of Offeror or Contractor:**

value equivalent to that provided by a Cpk of at least 2.0. The Contractor shall maintain objective quality evidence through periodic audits that the process performance indexes are being maintained for each production delivery.

j. For characteristics other than critical, requests for reduction or elimination of acceptance inspection and testing shall be considered when the process performance index is greater than or equal to a Cpk of 1.33 for variables data. Requests shall be considered for attributes data when the percent beyond the specification limits is less than or equal to .003 (Cpk=1.33).

k. Process or operation parameters under reduced or eliminated inspection or testing that undergo a break in production less than 6 months in length, may continue to operate under reduced or eliminated inspection or testing provided there has been no degradation below a Cpk of 1.33 (2.0 for criticals). Any break in production greater than 6 months shall require resubmission of the request for reduction or elimination of inspection or testing through the same channels cited in paragraph g above.

l. Not used.

m. Immediately following a change to a process or operation parameter under reduced or eliminated inspection, the process capability (Cp) or process performance indexes (Cpk) shall be recalculated and documented for variable data; the grand average fraction defective shall be recalculated for attribute data. If any of these values have deteriorated, immediate notification shall be made to the Government along with the associated documentation. Return to original inspection and test requirements may be imposed as stipulated in paragraph n below.

n. The Government reserves the right to withdraw authorization to reduce or eliminate final acceptance inspection or testing and direct the Contractor to return to original contract inspection or test procedures at any indication of loss of process control or deterioration of quality.

(End of clause)

(ES6034)

|     |             |              |          |
|-----|-------------|--------------|----------|
| E-8 | 52.245-4545 | MIL-STD-1916 | OCT/2000 |
|     | LOCAL       |              |          |

The Department of Defense (DoD) Preferred Methods for this Acceptance of Product, MIL-STD-1916, shall be used for this procurement action. All references to MIL-STD-105, MIL-STD-414, MIL-STD-1235, and ANSI Z1.4 appearing in the Technical Data Package (TDP) are replaced by MIL-STD-1916. Verification Levels (VL) shall replace AQLs and shall be VL IV for major characteristics and VL II for minor characteristics.

(End of clause)

(ES7650)

|     |             |                                             |          |
|-----|-------------|---------------------------------------------|----------|
| E-9 | 52.246-4528 | REWORK AND REPAIR OF NONCONFORMING MATERIAL | MAY/1994 |
|     | LOCAL       |                                             |          |

a. Rework and Repair are defined as follows:

(1) Rework - The reprocessing of nonconforming material to make it conform completely to the drawings, specifications or contract requirements.

(2) Repair - The reprocessing of nonconforming material in accordance with approved written procedures and operations to reduce, but not completely eliminate, the nonconformance. The purpose of repair is to bring nonconforming material into a usable condition. Repair is distinguished from rework in that the item after repair still does not completely conform to all of the applicable drawings, specifications or contract requirements.

b. Rework procedures along with the associated inspection procedures shall be documented by the Contractor and submitted to the Government Quality Assurance Representative (QAR) for review prior to implementation. Rework procedures are subject to the QAR's disapproval.

c. Repair procedures shall be documented by the Contractor and submitted on a Request for Deviation/Waiver, DD Form 1694, to the Contracting Officer for review and written approval prior to implementation.

d. Whenever the Contractor submits a repair or rework procedure for Government review, the submission shall also include a description of the cause for the non-conformances and a description of the action taken or to be taken to prevent recurrence.



| CONTINUATION SHEET             | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 49 of 103 |
|--------------------------------|---------------------------------------------------------------------------------|----------------|
| Name of Offeror or Contractor: |                                                                                 |                |

e. The rework or repair procedure shall also contain a provision for re-inspection which will take precedence over the Technical Data Package requirements and shall, in addition, provide the Government assurance that the reworked or repaired items have met reprocessing requirements.

(End of clause)

(ES7012)

|      |             |                                 |          |
|------|-------------|---------------------------------|----------|
| E-10 | 52.246.4531 | ACCEPTANCE INSPECTION EQUIPMENT | MAY/1994 |
|      | LOCAL       |                                 |          |

- a. Acquisition, maintenance, and disposition of inspection equipment shall be in accordance with ANSI/NC SL Z540-1 or ISO 10012-1.
- b. The Contractor shall provide all Acceptance Inspection Equipment (AIE) (except for any equipment listed as available in Section H and/or in Appendix I of this contract) necessary to assure conformance of components and end items to contract requirements. Equipment listed as available shall be furnished by the Government in accordance with the Government Property clause of this contract. Government furnished Acceptance Inspection Equipment shall not be used by the contractor or his subcontractors in lieu of work gages.
- c. All AIE shall be available for use prior to First Article submission, if First Article is required, or prior to initiation of production under this contract.
- d. Contractor furnished AIE shall be made (i) in accordance with the equipment drawings specified in Section C description/specifications section), or (ii) in accordance with any other design, provided that the design documentation is approved by the Government. AIE designs utilized for inspection of characteristics that are classified as Minor require approval by the Government Quality Assurance Representative (QAR). AIE design documentation for inspection of characteristics listed as Critical, Special, or Major shall be submitted to the Government for review and approval in accordance with the Contract Data Requirements List, DD Form 1423.
- e. Resubmission of AIE design documentation for approval on a follow on contract is not required provided inspection characteristic parameters) specified in the current technical data package and the previously approved AIE design documentation remain unchanged. The contractor shall provide the contract number and identify previously approved AIE documentation that meets the above prerequisites.
- f. The Government reserves the right to disapprove at any time during performance of this contract, use of any AIE not meeting the requirements of the approved design documentation.

(End of clause)

(ES7010)

|      |             |                     |          |
|------|-------------|---------------------|----------|
| E-11 | 52.246-4532 | DESTRUCTIVE TESTING | MAY/1994 |
|      | LOCAL       |                     |          |

- a. All costs for destructive testing by the Contractor and items destroyed by the Government are considered as being included in the contract unit price.
- b. Where destructive testing of items or components thereof is required by contract or specification, the number of items or components required to be destructively tested, whether destructively tested or not, shall be in addition to the quantity to the delivered to the Government as set forth in the Contract Schedule.
- c. All pieces of the complete First Article shall be considered as destructively tested items unless specifically exempted by other provisions of this contract.
- d. The Contractor shall not reuse any components from items used in a destructive test during First Article, lot acceptance or in process testing, unless specifically authorized by the Contracting Officer.
- e. The Government reserves the right to take title to all or any items or components described above. The Government may take title to all or any items or components upon notice to the Contractor. The items or components of items to which the Government takes title shall be shipped in accordance with the Contracting Officer's instructions. Those items and components to which the Government does not obtain title shall be rendered inoperable and disposed of as scrap by the Contractor.

(End of clause)

| CONTINUATION SHEET | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 50 of 103 |
|--------------------|---------------------------------------------------------------------------------|----------------|
|--------------------|---------------------------------------------------------------------------------|----------------|

**Name of Offeror or Contractor:**

(ES7011)

|      |             |                          |          |
|------|-------------|--------------------------|----------|
| E-12 | 52.246-4550 | CRITICAL CHARACTERISTICS | FEB/2004 |
|      | LOCAL       |                          |          |

a. The contractors processes shall be designed to prevent the creation or occurrence of critical non-conformances. The contractor shall establish, document and maintain specific procedures, work and handling instructions and process controls relating to any critical characteristics.

b. The contractor shall assure his critical processes are robust in design such that product and performance are relatively insensitive to design and manufacturing parameters. A robust design anticipates changes and problems. Robust processes shall be designed to yield less than one non-conformance in one million.

c. An inspection/verification system shall be employed that will verify the robustness of your critical processes. Maximum use should be made of automated inspection equipment to accomplish verification of product quality. Mistake proofing techniques of your material handling and inspection systems are encouraged.

d. Previous Practices/Special Characteristics. As a result of previous practices, the governments technical data may refer to Critical (not annotated with I or II) and Special characteristics. Characteristics classified as Critical (not annotated with a I or II) shall be subject to all requirements herein associated with Critical (I) characteristics and level I Critical non-conformances. Unless otherwise stated in Section C, characteristics classified as Special shall be subject to all requirements herein associated with Critical (II) and Level (II) Critical non-conformances.

e. Contractor Identified Critical Characteristics List (CICCL). Not including critical characteristics defined in the governments technical data (drawings, specifications, etc.), the contractor shall identify and document all material, component, subassembly and assembly characteristics whose non-conformances may result in hazardous or unsafe conditions for individuals using, maintaining or depending upon the product. All additional critical characteristics identified by the contractor shall comply with the critical characteristic requirements of the technical data package, supplemented herein. The contractors additional critical characteristics shall be classified as Critical (I) or Critical (II), and shall be reviewed and approved by the procuring activity prior to manufacturing (DI-SAFT-80970A). The following definitions are provided.

Level I critical non-conformance. A non-conformance of a critical characteristic that judgment and experience indicate would result in hazardous or unsafe conditions for individuals using, maintaining or depending upon the product; or a non-conformance that judgment and experience indicate would prevent performance of the tactical function of a weapon system or major end item. The following (as a minimum) are classified as Level I critical non-conformances:

- (1) A non-conformance that will result in a hazardous or unsafe condition (often referred to as a single point failure).
- (2) A non-conformance that will remove or degrade a safety feature (such as those in a safe and arm device or fuzing system).
- (3) A non-conformance that will result in violation of mandatory safety policies or standards.

Level II critical non-conformance: A non-conformance of a critical characteristic, other than Level I. This includes the non-conformance of a characteristic that judgment and experience indicate may, depending upon the degree of variance from the design requirement, the presence of other non-conformances or procedural errors,:

- (1) result in a hazardous or unsafe conditions for individuals using, maintaining or depending upon the product, or
- (2) prevent performance of the tactical function of a major end item.

f. In the event that a Critical non-conformance is found anywhere in the production process, the contractor, as part of his quality system, shall have procedures in place to ensure:

- (1) The non-conformance is positively identified and segregated so that there is no possibility of the item inadvertently re-entering the production process. This control shall be accomplished without affecting or impairing subsequent defect analysis.
- (2) The operation that produced the defective component or assembly and any other operations incorporating that component or assembly is immediately stopped.
- (3) The government is immediately notified of the critical non-conformance (telephonically and electronic mail.)(DI-SAFT-80970A).
- (4) Any suspect material (material in process that may contain the same defect) is identified, segregated and suspended from

|                                       |                                                                                                          |                              |
|---------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------|
| <b>CONTINUATION SHEET</b>             | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page</b> 51 <b>of</b> 103 |
| <b>Name of Offeror or Contractor:</b> |                                                                                                          |                              |

any further processing.

(5) An investigation is conducted to determine the cause of the deficiency and required corrective actions. A report of this investigation shall be submitted to the government (DI-SAFT-80970A). The use of the DID report shall not delay notification to the government.

(6) A request to restart manufacturing or to use any suspect material associated with the critical non-conformance is submitted to the government (DI-SAFT-80970A). Restart of production shall not occur until the investigations are complete or upon authorization from the procuring contracting officer. All objective evidence of the investigations to date shall be available for review at the time of restart. Suspect material found to be nonconforming shall not be used without Government approval.

g. The contractor may develop alternative plans and provisions relative to government or contractor identified Critical level (I) and Critical Level (II) characteristics. The provisions shall be submitted to the government for advanced approval and shall address the following:

- (1) Complete explanation of potential failure mode(s) together with supporting historical and statistical data.
- (2) Pre-established plan of action (POA) to be taken when a critical non-conformance occurs and a description of controls to ensure there is no possibility of the nonconforming item inadvertently entering the production process.
- (3) Means of tracking non-conformance rate, investigative results and corrective actions taken.
- (4) Method to immediately verify that a produced critical non-conformance is consistent with the identified failure mode(s) and does not exceed the historical non-conformance rate.

The contractor can resume production without specific government approval based upon the pre-approved alternate plans and provisions for Critical (I) characteristics and level (I) Critical non-conformances and Critical (II) characteristics and level (II) Critical non-conformances.

h. If a critical non-conformance is discovered during further processing or loading, the original manufacturer who introduced the critical non-conformance shall bear responsibility for the non-conformance.

i. The Government Quality Assurance Representative will perform the surveillance actions necessary to ensure compliance with this clause.

(End of clause)

(ES7500)

E-13

Government procurement of inspection actions (CQA) will occur at production plant (origin), acceptance will occur at destination.

The successful offeror under this solicitation is responsible for providing all test weapon gages required to perform the contract. Drawings for the following 5.56mm test weapon gages will be provided only if necessary to the successful offeror upon award of the contract.

|                             |                  |
|-----------------------------|------------------|
|                             | <u>NSN</u>       |
| Head Space Gage             | 5220-01-141-3827 |
| Head Space Gage             | 5220-01-141-3828 |
| Gage, Flush Pin, Firing Pin | 5220-01-141-4732 |
| Protruding                  |                  |

\*\*\* END OF NARRATIVE E 001 \*\*\*

|                           |                                                                                                          |                       |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 52 of 103</b> |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|

**Name of Offeror or Contractor:**

SECTION F - DELIVERIES OR PERFORMANCE

For Local Clauses See: <http://www.afsc.army.mil/ac/aais/ioc/clauses/index.htm>

The following Federal Acquisition Regulation (FAR), DoD FAR Supplement clauses and provisions, the full text of which will be made available upon request, are incorporated herein by reference with the same force and effect as if set forth in full text.

The text of the clauses incorporated by reference herein are available from the contract specialist indicated in block 7 of the Standard Form 33 or (as applicable) the contracting officer and will be furnished upon request. Other documents are available as indicated in the schedule.

Any company/individual wishing to purchase a copy of the Federal Acquisition Regulation (FAR), the Army FAR Supplement or the DOD FAR Supplement, may do so from the Superintendent of Documents, US Government Printing Office, Washington DC 20402.

(FA7001)

|     | <u>Regulatory Cite</u> | <u>Title</u>                                               | <u>Date</u> |
|-----|------------------------|------------------------------------------------------------|-------------|
| F-1 | 52.211-17              | DELIVERY OF EXCESS QUANTITIES                              | SEP/1989    |
| F-2 | 52.242-15              | STOP-WORK ORDER                                            | AUG/1989    |
| F-3 | 52.242-17              | GOVERNMENT DELAY OF WORK                                   | APR/1984    |
| F-4 | 52.247-34              | F.O.B. DESTINATION                                         | NOV/1991    |
| F-5 | 52.247-35              | F.O.B. DESTINATION, WITHIN CONSIGNEE'S PREMISES            | APR/1984    |
| F-6 | 52.247-48              | F.O.B. DESTINATION - EVIDENCE OF SHIPMENT                  | FEB/1999    |
| F-7 | 52.247-55              | F.O.B. POINT FOR DELIVERY OF GOVERNMENT-FURNISHED PROPERTY | APR/1984    |
| F-8 | 252.247-7023<br>DFARS  | TRANSPORTATION OF SUPPLIES BY SEA                          | MAY/2002    |
| F-9 | 52.211-8               | TIME OF DELIVERY                                           | JUN/1997    |

REQUIRED DELIVERY SCHEDULE

The Contractor shall complete delivery within 18 months of award of the production requirement in accordance with the following schedule:

| <u>With FAAT</u>              |     |      | <u>Without FAAT</u>              |     |             |
|-------------------------------|-----|------|----------------------------------|-----|-------------|
| Award                         | 0   | DAA* | Award                            | 0   | DAA         |
| Contractor Submit FAAT Plan   | 30  | DAA  | Contractor Submit Req for Waiver | 30  | DAA of FAAT |
| Govt Approve FAAT Plan        | 60  | DAA  | Govt Approve Req for Waiver      | 60  | DAA of FAAT |
| Contractor Submit FAAT Report | 120 | DAA  | Initial Deliveries               | 90  | DAA         |
| Govt Approve FAAT             | 150 | DAA  | Completion of Deliveries         | 455 | DAA         |
| Initial Deliveries            | 180 | DAA  |                                  |     |             |
| Completion of Deliveries      | 540 | DAA  |                                  |     |             |

\* Days After Award

The above Delivery Schedule is subject to the following:

- If Delivery orders are executed which require delivery of more than 300M cartridges in any given twelve month period, the Contractor will not be required to follow the above schedule for the second order (that Delivery Order that caused the 12 month capacity of 300M to be exceeded). The contractor shall provide the earliest possible delivery schedule for the second delivery order to the PCO consistent with maintaining the maximum production rate of 300M within a twelve month period.
- If Delivery Orders are executed for the 5 DODICs identified in Section C, paragraph C-8, subparagraph 3.11 which are not also identified in subparagraph 3.1, the Contractor and the Government will negotiate a starting date other than Days After Award (DAA). Based on the negotiated starting date, the schedule set forth above will be utilized.
- If Delivery Order or Delivery Order modifications are executed that require delivery of more than 300M rounds for any Government Fiscal Year (up to 500M), the Contractor and the Government will negotiate a starting date other than Days After Award (DAA). Based on the negotiated starting date, the schedule set forth above will be utilized.

| CONTINUATION SHEET             | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 53 of 103 |
|--------------------------------|---------------------------------------------------------------------------------|----------------|
| Name of Offeror or Contractor: |                                                                                 |                |

Details regarding delivery destinations and sizes will be identified at the time an award is made.

(End of clause)

(FF6001)

F-10 52.211-8 TIME OF DELIVERY (JUN 1997) - ALTERNATE I APR/1984

(b) The delivery dates or specific periods above are based on the assumption that the Government will make award by \_\_\_\_\_ [Contracting Officer insert date]. Each delivery date in the delivery schedule above will be extended by the number of calendar days after the above date that the contract is in fact awarded. Attention is directed to the Contract Award provision of the solicitation that provides that a written award or acceptance of offer mailed or otherwise furnished to the successful offeror results in a binding contract. Therefore, the offeror should compute the time available for performance beginning with the actual date of award, rather than the date the written notice of award is received from the Contracting Officer through the ordinary mails.

(FF6002)

F-11 52.247-62 SPECIFIC QUANTITIES UNKNOWN APR/1984

For the purpose of evaluating "FOB destination" offers, the Government estimates that any quantities awarded will be shipped to the destinations indicated below. All small caliber ammunition items to be delivered under this Basic Ordering Agreement will have a primary destination at a CONUS location identified below by DODIC; as well as three secondary destinations, i.e. South West Asia-Camp Doha, Kuwait, Europe-MIESAU AD, Germany, and Pacific-TAEGU/Camp Henry, Korea. The Government reserves the right to utilize any one of these four (4) destinations at time of award. In the event a change order is issued to change the shipping destinations specified in this contract, the only part of the price matrix that may be subject to change shall be the shipping unit prices. The cartridge unit price isn't subject to change. See Section M, "Price" for information regarding evaluation of shipping points.

Primary Locations

5.56mm  
A059 Blue Grass AD, KY  
A062 Tooele AD, UT  
A063 Blue Grass AD, KY  
A064 Blue Grass AD, KY  
A075 Crane AAA, ID  
A080 Crane AAA, ID  
AA33 Crane AAA, ID

7.62mm  
A111 (w/o band) Blue Grass AD, KY  
A111 (w/ band) Blue Grass AD, KY  
A131 Blue Grass AD, KY  
A143 Blue Grass AD, KY

.50 Caliber  
A555 Tooele AD, UT  
A557 Tooele AD, UT  
A576 Tooele AD, UT  
A598 McAlester AAP, OK

(End of clause)

(FF6010)

F-12 52.247-4504 TRANSPORTATION SECURITY REQUIREMENTS FOR CONTRACTOR-TO-CONTRACTOR MAR/2004  
LOCAL SHIPMENTS

(a) Supplies procured or furnished under this contract/subcontract, which are shipped between two or more contractors, and which are qualified as sensitive in accordance with DoD 5100.76-M (Physical Security of Sensitive Conventional Arms, Ammunition, and

| CONTINUATION SHEET | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010<br>MOD/AMD | Page 54 of 103 |
|--------------------|------------------------------------------------------------------------------------|----------------|
|--------------------|------------------------------------------------------------------------------------|----------------|

**Name of Offeror or Contractor:**

Explosives), or are shipped as DOT Class A or B Explosives, require special Transportation Protective Service (TPS) during shipment from all points of origin to all destinations. TPS will be equivalent to the DoD security standard for the applicable sensitive category or explosive class identified under DoD 4500.9R, Defense Transportation Regulation, parts II and III, as added to or amended by applicable military service policies in accordance with guidance provided by Defense Logistics Agency (DLA)/Defense Contract Management Agency (DCMA).

(b) Shipper's Defense Contract Management Agency (DCMA) transportation offices will furnish assistance in providing the sensitive category of items to be shipped, determining the TPS required, and obtaining the TPS from commercial carriers as necessary.

(c) This clause must be entered in all contracts/subcontracts at any tier.

(End of clause)

(FS7115)

|      |             |                                  |          |
|------|-------------|----------------------------------|----------|
| F-13 | 52.247-4531 | COGNIZANT TRANSPORTATION OFFICER | MAY/1993 |
|      | LOCAL       |                                  |          |

(a) The contract administration office designated at the time of contract award, or the office servicing the point of shipment if subsequently designated by the original office, will be the contact point to which the contractor will:

(1) Submit, as necessary, DD Form 1659, Application for U.S. Government Bill(s) of Lading/Export Traffic Release, in triplicate at least ten days prior to date supplies will be available for shipment;

(2) Obtain shipping instructions as necessary for F.O.B. Destination delivery, and

(3) Furnish necessary information for MILSTRIP/MILSTAMP or other shipment documentation and movement control, including air and water terminal clearances.

(4) For FMS, at least ten days in advance of actual shipping date the contractor should request verification of "Ship to" and "Notification" address from the appropriate DCMAO.

(b) The contract administration office will provide to the contractor data necessary for shipment marking and freight routing.

(c) The contractor shall not ship directly to a military air or water port terminal without authorization by the designated point of contact.

(End of clause)

(FS7240)

|      |              |                                                    |          |
|------|--------------|----------------------------------------------------|----------|
| F-14 | 47.305-15(B) | SPECIAL TRANSPORT/LOADING REQUIREMENTS (HAZARDOUS) | FEB/1996 |
|      | LOCAL        |                                                    |          |

(a) In addition to requirements set forth under General Provision, "Loading, Bracing, and Blocking of Freight Car Shipments," rail shipments will be loaded, blocked and braced in accordance with rules and methods contained in the current editions of Uniform Freight Classification, Association of American Railroads Pamphlet No. 14, Circular 42G and Rules Governing Loading of Commodities on Open Top Cars, Bureau of Explosives Tariff No. BOE 6000 publishing Hazardous Materials Regulations of the Department of Transportation, and Bureau of Explosives Pamphlets No. 6, 6A as applicable. Uniform Freight Classification may be procured from the regulatory classification agent covering territory from which shipment will be made. AAR Pamphlets, Circular and Rules may be procured from the Bureau of Explosives, 59 E. Van Buren St., Chicago, IL 60605. Bureau of Explosives Tariff No. BOE 6000 and Bureau of Explosives pamphlets may be procured from the Bureau of Explosives, Association of American Railroads, 1920 L Street, Washington D.C. 20036. U.S. Army Defense Ammunition Center (USADAC) approved drawings contained within Index of U.S. Army Unitization, Storage and Outloading Drawings for Ammunition and Components is specifically applicable to rail loading, blocking and bracing of this item and may be secured by the Contracting Officer or the Defense Contract Management Agency (DCMA).

(b) Truck shipments will be loaded, blocked and braced in accordance with rules and methods contained in the current editions of National Motor Freight Classification and American Trucking Association, Inc., Motor Carrier's Explosives and Dangerous Articles Tariff, as applicable and effective at the time of shipment. These publications may be procured from the American Trucking Association, Inc., Tariff Order Section, 1616 P St., N.W., Washington, D.C. 20036. USADACS approved drawings contained within Index of U.S. Army Unitization, Storage and Outloading Drawings for Ammunition and Components is specifically applicable to motor, loading, blocking and bracing of this item and can be secured from the Contracting Officer or DCMA.

|                                                              |                                                                                                                                                                |                                                          |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <p style="text-align: center;"><b>CONTINUATION SHEET</b></p> | <p style="text-align: center;"><b>Reference No. of Document Being Continued</b></p> <p style="text-align: center;">PIIN/SIIN W52P1J-05-R-0010      MOD/AMD</p> | <p style="text-align: center;"><b>Page 55 of 103</b></p> |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|

**Name of Offeror or Contractor:**

(c) TOFC "Piggyback" shipments will be loaded, blocked and braced in accordance with Bureau of Explosives Pamphlet No. 6C or AAR Circular No. 43, copies may be obtained from addresses given in para (a) above. USADAC approved drawings contained within Index of U.S. Army Unitization, Storage and Outloading Drawings for Ammunition and Components is specifically applicable to loading, blocking and bracing for TOFC shipments and may be obtained from the Contracting Officer or DCMA.

(d) Container shipments will be loaded, blocked and braced in accordance with USADAC drawings contained within Index of U.S. Army Unitization, Storage and Outloading Drawings for Ammunition and Components which is specifically applicable to loading, blocking and bracing of container shipments and may be secured from the Contracting Officer or the DCMA.

Except as the carrier(s) may be liable, the contractor shall be liable to the Government for any loss or damage resulting from improper loading and/or furnishing and installing dunnage material by the contractor for shipments to be made under this contract.

(End of clause)

(FS7007)

F-15    HAZARDOUS ITEM WARNING LABEL INFORMATION

The following is the hazardous item warning label information for the for the corresponding DODICs.

DODICS: AA33, A059, A062, A063, A064, A131, A143

DOD HAZARDOUS CLASS/DIV: 1.4  
STORAGE COMP. GROUP: S  
UNO SERIAL NUMBER: 0012  
DOT LABEL: None  
PROPER SHIPPING NAME: Cartridges, Small Arms

DODICS: A075, A080, A111

DOD HAZARDOUS CLASS/DIV: 1.4  
STORAGE COMP. GROUP: S  
UNO SERIAL NUMBER: 0014  
DOT LABEL: None  
PROPER SHIPPING NAME: Cartridges, Small Arms, Blank

DODICS: A555, A557

DOD HAZARDOUS CLASS/DIV: 1.4  
STORAGE COMP. GROUP: C  
UNO SERIAL NUMBER: 0339  
DOT LABEL: Explosive 1.4C  
PROPER SHIPPING NAME: Cartridges, Small Arms

DODIC: A598

DOD HAZARDOUS CLASS/DIV: 1.4  
STORAGE COMP. GROUP: C  
UNO SERIAL NUMBER: 0338  
DOT LABEL: Explosive 1.4C  
PROPER SHIPPING NAME: Cartridges, Small Arms, Blank

DODIC: A576

DOD HAZARDOUS CLASS/DIV: 1.4  
STORAGE COMP. GROUP: G  
UNO SERIAL NUMBER: 0300  
DOT LABEL: Explosive 1.4G  
PROPER SHIPPING NAME: Ammunition, Incendiary

\*\*\* END OF NARRATIVE F 001 \*\*\*

F-16    AUTOMATIC IDENTIFICATION TECHNOLOGY (AIT) REQUIREMENT

REQUIRED SYSTEMS CONNECTIVITY:

|                                       |                                                                                                      |                       |
|---------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b>             | <b>Reference No. of Document Being Continued</b><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 56 of 103</b> |
| <b>Name of Offeror or Contractor:</b> |                                                                                                      |                       |

In-transit Visibility (ITV) Server  
Worldwide Port System (WPS)

The U.S. Army is utilizing Automatic Identification Technology (AIT) to automate ammunition logistics processes from wholesale supply through transportation nodes to Retail Ammunition Supply Points (ASPs). In order to provide this required functionality, the contractor shall perform the following prior to shipment in conjunction with Attachment XXX of this solicitation:

- a. The contractor shall provide the required Savi Tag 410R or other government agreed upon RF Tag, battery and bracket and attach these items to each ammunition CADS or commercial container.
- b. The contractor shall ensure that tags are placed behind the locking device on the Door of the container, in the indention, where they are least likely to be knocked off or damaged during handling/shipment.
- c. The contractor shall write data to each tag as specified in the JTAV format dated 10 May 2002.
- d. The contractor shall ensure that tag batteries are replaced as required as well as ensure there is no visible damage to the tag and that each tag is readable, conforms to the JTAV format and accurately describes the shipping content."
- e. The contractor shall use an automated method to report departure information for tagged ammunition shipments to the Intransit Visibility Server (ITV) in Reston, VA, so that ports and retail supply points can readily verify the date and time of shipments. Departure data must be accessible to Army users.
- f. The contractor shall ensure the Advanced Transportation Control Movement Document (ATCMD) is electronically forwarded to the Worldwide Port System (WPS) for all Containerized Shipments.

\*\*\* END OF NARRATIVE F 002 \*\*\*



|                           |                                                                                                          |                       |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 57 of 103</b> |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|

**Name of Offeror or Contractor:**

SECTION H - SPECIAL CONTRACT REQUIREMENTS

For Local Clauses See: <http://www.afsc.army.mil/ac/aais/ioc/clauses/index.htm>

The following Federal Acquisition Regulation (FAR), DoD FAR Supplement clauses and provisions, the full text of which will be made available upon request, are incorporated herein by reference with the same force and effect as if set forth in full text.

The text of the clauses incorporated by reference herein are available from the contract specialist indicated in block 7 of the Standard Form 33 or (as applicable) the contracting officer and will be furnished upon request. Other documents are available as indicated in the schedule.

Any company/individual wishing to purchase a copy of the Federal Acquisition Regulation (FAR), the Army FAR Supplement or the DOD FAR Supplement, may do so from the Superintendent of Documents, US Government Printing Office, Washington DC 20402.

(HA7001)

|     | <u>Regulatory Cite</u>    | <u>Title</u>                                                                                        | <u>Date</u> |
|-----|---------------------------|-----------------------------------------------------------------------------------------------------|-------------|
| H-1 | 252.223-7006<br>DFARS     | PROHIBITION ON STORAGE AND DISPOSAL OF TOXIC AND HAZARDOUS MATERIALS                                | APR/1993    |
| H-2 | 252.247-7024<br>DFARS     | NOTIFICATION OF TRANSPORTATION OF SUPPLIES BY SEA                                                   | MAR/2000    |
| H-3 | 223.370-<br>4(A)(3) LOCAL | DISPOSAL OF REMAINING GFM AMMUNITION AND EXPLOSIVES FOLLOWING<br>CONTRACT COMPLETION OR TERMINATION | JUN/1999    |
| H-4 | 52.242-4508<br>LOCAL      | PROGRESS PAYMENT LIMITATION                                                                         | MAR/1988    |

Prior to first article approval, only costs incurred for the first article or those authorized in writing by the contracting officer are allowable for progress payments; however, such payments shall not exceed eighty percent (80%) of the initial award value of the contract.

(End of Clause)

(HS6009)

|     |               |                                                         |          |
|-----|---------------|---------------------------------------------------------|----------|
| H-5 | 246.671 LOCAL | MATERIAL INSPECTION AND RECEIVING REPORTS (DD FORM 250) | JAN/1995 |
|-----|---------------|---------------------------------------------------------|----------|

Material Inspection and Receiving Report (DD Form 250), required to be prepared and furnished to the Government under the clause of this contract entitled 'Material Inspection and Receiving Report', will be distributed by the Contractor in accordance with DOD FAR Supplement Appendix F, Part 4.

Send copies to:

1. Purchasing Office

Susan McKinnis  
US Army Field Support Command  
ATTN: AMSFS-CCA-F  
1 Rock Island Arsenal  
Rock Island, IL 61299

2. Production Management

Commander  
U.S. Army Joint Munitions Command  
ATTN: SFSJM-CDS  
1 Rock Island Arsenal  
Rock Island, IL 61299

3. Send additional copies to:

|                           |                                                                                                          |                       |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 58 of 103</b> |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|

**Name of Offeror or Contractor:**

Defense Contract Management Agency

(End of clause)

(HS6025)

|     |             |                                                                    |          |
|-----|-------------|--------------------------------------------------------------------|----------|
| H-6 | 242-1107(B) | INSTRUCTIONS FOR PREPARATION AND SUBMISSION OF PRODUCTION PROGRESS | JUN/1996 |
|     | LOCAL       | REPORTS                                                            |          |

a. Production Progress Report (DD Form 375) and Production Progress Report Continuation (DD Form 375c) shall be prepared in accordance with instructions thereon. These forms shall be submitted as required for each separate contract item (identified by noun description not by line item number).

b. The form(s) shall be submitted on a monthly basis within two workdays after each reporting period, beginning with the end of the first full month following contract date. In addition, the contractor shall promptly submit a DD Form 375 reporting any delay in the scheduled delivery or completion as soon as known or anticipated. The forms shall be distributed as follows:

**ACTIVITY**

**Purchasing Office (PCO):**

Susan McKinnis  
U.S. Army Field Support Command  
ATTN: AMSFS-CCA-F  
1 Rock Island Arsenal  
Rock Island, IL 61299

NUMBER OF COPIES: 1

**Administration Office (ACO):**

Defense Contract Management Agency

NUMBER OF COPIES: 3

**Production Manager:**

Commander  
U.S. Army Joint Munitions Command  
ATTN: SFSJM-CDS  
1 Rock Island Arsenal  
Rock Island, IL 61299

NUMBER OF COPIES: 1

(End of clause)

(HS6026))

|     |            |                       |          |
|-----|------------|-----------------------|----------|
| H-7 | 5101.602-2 | AVAILABILITY OF FUNDS | OCT/2001 |
|     | AFARS      |                       |          |

Funds are not presently available for this acquisition. No contract award will be made until appropriated funds are made available from which payment for contract purposes can be made.

(End of clause)

(HD7006))

|                           |                                                                                                          |                       |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 59 of 103</b> |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|

**Name of Offeror or Contractor:**

|     |             |                                                    |          |
|-----|-------------|----------------------------------------------------|----------|
| H-8 | 52.247-4545 | PLACE OF CONTRACT SHIPPING POINT, RAIL INFORMATION | MAY/1993 |
|     | LOCAL       |                                                    |          |

The bidder/offeror is to fill in the 'Shipped From' address, if different from 'Place of Performance' indicated elsewhere in this section.

Shipped From:

---



---



---

For contracts involving F.O.B. Origin shipments furnish the following rail information:

Does Shipping Point have a private railroad siding: \_\_\_\_\_ YES \_\_\_\_\_ NO

If YES, give name of rail carrier serving it: \_\_\_\_\_

If NO, give name and address of nearest rail freight station and carrier serving it:

Rail Freight Station Name and Address: \_\_\_\_\_

Serving Carrier: \_\_\_\_\_

(End of Clause)

(HS7600)

| CONTINUATION SHEET | Reference No. of Document Being Continued |         | Page 60 of 103 |
|--------------------|-------------------------------------------|---------|----------------|
|                    | PIIN/SIIN W52P1J-05-R-0010                | MOD/AMD |                |

**Name of Offeror or Contractor:**

SECTION I - CONTRACT CLAUSES

For Local Clauses See: <http://www.afsc.army.mil/ac/aais/ioc/clauses/index.htm>

|      | <u>Regulatory Cite</u> | <u>Title</u>                                                                                                             | <u>Date</u> |
|------|------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------|
| I-1  | 52.202-1               | DEFINITIONS                                                                                                              | JUL/2004    |
| I-2  | 52.203-3               | GRATUITIES                                                                                                               | APR/1984    |
| I-3  | 52.203-5               | COVENANT AGAINST CONTINGENT FEES                                                                                         | APR/1984    |
| I-4  | 52.203-6               | RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT                                                                    | JUL/1995    |
| I-5  | 52.203-7               | ANTI-KICKBACK PROCEDURES                                                                                                 | JUL/1995    |
| I-6  | 52.203-8               | CANCELLATION, RESCISSION, AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY                                         | JAN/1997    |
| I-7  | 52.203-10              | PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY                                                                 | JAN/1997    |
| I-8  | 52.203-12              | LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS                                                         | JUN/2003    |
| I-9  | 52.204-4               | PRINTED OR COPIED DOUBLE-SIDED ON RECYCLED PAPER                                                                         | AUG/2000    |
| I-10 | 52.204-7               | CENTRAL CONTRACTOR REGISTRATION                                                                                          | OCT/2003    |
| I-11 | 52.209-6               | PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT | JUL/1995    |
| I-12 | 52.211-5               | MATERIAL REQUIREMENTS                                                                                                    | AUG/2000    |
| I-13 | 52.211-15              | DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS                                                                             | SEP/1990    |
| I-14 | 52.215-2               | AUDIT AND RECORDS - NEGOTIATION                                                                                          | JUN/1999    |
| I-15 | 52.215-8               | ORDER OF PRECEDENCE-UNIFORM CONTRACT FORMAT                                                                              | OCT/1997    |
| I-16 | 52.215-11              | PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA-MODIFICATIONS                                                         | OCT/1997    |
| I-17 | 52.215-13              | SUBCONTRACTOR COST OR PRICING DATA-MODIFICATIONS                                                                         | OCT/1997    |
| I-18 | 52.215-14              | INTEGRITY OF UNIT PRICES                                                                                                 | OCT/1997    |
| I-19 | 52.219-8               | UTILIZATION OF SMALL BUSINESS CONCERNS                                                                                   | MAY/2004    |
| I-20 | 52.219-9               | SMALL BUSINESS SUBCONTRACTING PLAN (JAN 2002) - ALTERNATE II                                                             | OCT/2001    |
| I-21 | 52.219-9               | SMALL BUSINESS SUBCONTRACTING PLAN                                                                                       | JAN/2002    |
| I-22 | 52.219-16              | LIQUIDATED DAMAGES - SUBCONTRACTING PLAN                                                                                 | JAN/1999    |
| I-23 | 52.222-19              | CHILD LABOR-COOPERATION WITH AUTHORITIES AND REMEDIES                                                                    | JUN/2004    |
| I-24 | 52.222-20              | WALSH-HEALEY PUBLIC CONTRACTS ACT                                                                                        | DEC/1996    |
| I-25 | 52.222-21              | PROHIBITION OF SEGREGATED FACILITIES                                                                                     | FEB/1999    |
| I-26 | 52.222-26              | EQUAL OPPORTUNITY                                                                                                        | APR/2002    |
| I-27 | 52.222-29              | NOTIFICATION OF VISA DENIAL                                                                                              | JUN/2003    |
| I-28 | 52.222-35              | EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS                | DEC/2001    |
| I-29 | 52.222-36              | AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES                                                                         | JUN/1998    |
| I-30 | 52.222-37              | EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS                | DEC/2001    |
| I-31 | 52.223-5               | POLLUTION PREVENTION AND RIGHT-TO-KNOW INFORMATION                                                                       | AUG/2003    |
| I-32 | 52.223-14              | TOXIC CHEMICAL RELEASE REPORTING                                                                                         | AUG/2003    |
| I-33 | 52.225-1               | BUY AMERICAN ACT-SUPPLIES                                                                                                | JUN/2003    |
| I-34 | 52.225-13              | RESTRICTION ON CERTAIN FOREIGN PURCHASES                                                                                 | DEC/2003    |
| I-35 | 52.225-14              | INCONSISTENCY BETWEEN ENGLISH VERSION AND TRANSLATION OF CONTRACT                                                        | FEB/2000    |
| I-36 | 52.227-1               | AUTHORIZATION AND CONSENT                                                                                                | JUL/1995    |
| I-37 | 52.227-2               | NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT                                                        | AUG/1996    |
| I-38 | 52.228-5               | INSURANCE - WORK ON A GOVERNMENT INSTALLATION                                                                            | JAN/1997    |
| I-39 | 52.229-3               | FEDERAL, STATE, AND LOCAL TAXES                                                                                          | APR/2003    |
| I-40 | 52.229-6               | TAXES - FOREIGN FIXED-PRICE CONTRACTS                                                                                    | JUN/2003    |
| I-41 | 52.232-1               | PAYMENTS                                                                                                                 | APR/1984    |
| I-42 | 52.232-8               | DISCOUNTS FOR PROMPT PAYMENT                                                                                             | FEB/2002    |
| I-43 | 52.232-11              | EXTRAS                                                                                                                   | APR/1984    |
| I-44 | 52.232-16              | PROGRESS PAYMENTS                                                                                                        | APR/2003    |
| I-45 | 52.232-17              | INTEREST                                                                                                                 | JUN/1996    |
| I-46 | 52.232-18              | AVAILABILITY OF FUNDS                                                                                                    | APR/1984    |
| I-47 | 52.232-23              | ASSIGNMENT OF CLAIMS                                                                                                     | JAN/1986    |
| I-48 | 52.232-25              | PROMPT PAYMENT                                                                                                           | OCT/2003    |
| I-49 | 52.232-33              | PAYMENT BY ELECTRONIC FUNDS TRANSFER - CENTRAL CONTRACTOR REGISTRATION                                                   | OCT/2003    |
| I-50 | 52.232-37              | MULTIPLE PAYMENT ARRANGEMENTS                                                                                            | MAY/1999    |
| I-51 | 52.233-1               | DISPUTES                                                                                                                 | JUL/2002    |
| I-52 | 52.233-1               | DISPUTES (JUL 02) - ALTERNATE I                                                                                          | DEC/1991    |
| I-53 | 52.233-3               | PROTEST AFTER AWARD                                                                                                      | AUG/1996    |
| I-54 | 52.233-4               | APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM                                                                              | OCT/2004    |

| CONTINUATION SHEET | Reference No. of Document Being Continued |         | Page 61 of 103 |
|--------------------|-------------------------------------------|---------|----------------|
|                    | PIIN/SIIN W52P1J-05-R-0010                | MOD/AMD |                |

Name of Offeror or Contractor:

|      | <u>Regulatory Cite</u> | <u>Title</u>                                                                                                           | <u>Date</u> |
|------|------------------------|------------------------------------------------------------------------------------------------------------------------|-------------|
| I-55 | 52.242-2               | PRODUCTION PROGRESS REPORTS                                                                                            | APR/1991    |
| I-56 | 52.242-12              | REPORT OF SHIPMENT (REPSHIP)                                                                                           | JUN/2003    |
| I-57 | 52.242-13              | BANKRUPTCY                                                                                                             | JUL/1995    |
| I-58 | 52.243-1               | CHANGES - FIXED PRICE                                                                                                  | AUG/1987    |
| I-59 | 52.243-7               | NOTIFICATION OF CHANGES                                                                                                | APR/1984    |
| I-60 | 52.245-19              | GOVERNMENT PROPERTY FURNISHED "AS IS"                                                                                  | APR/1984    |
| I-61 | 52.246-23              | LIMITATION OF LIABILITY                                                                                                | FEB/1997    |
| I-62 | 52.247-15              | CONTRACTOR RESPONSIBILITY FOR LOADING AND UNLOADING                                                                    | APR/1984    |
| I-63 | 52.247-22              | CONTRACTOR LIABILITY FOR LOSS OF AND/OR DAMAGE TO FREIGHT OTHER THAN<br>HOUSEHOLD GOODS                                | APR/1984    |
| I-64 | 52.249-1               | TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE) (SHORT<br>FORM) (APR 1984) - ALTERNATE I                   | APR/1984    |
| I-65 | 52.249-2               | TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE)                                                            | MAY/2004    |
| I-66 | 52.249-8               | DEFAULT (FIXED-PRICE SUPPLY AND SERVICE)                                                                               | APR/1984    |
| I-67 | 52.253-1               | COMPUTER GENERATED FORMS                                                                                               | JAN/1991    |
| I-68 | 252.203-7001<br>DFARS  | PROHIBITION ON PERSONS CONVICTED OF FRAUD OR OTHER DEFENSE-CONTRACT-<br>RELATED FELONIES                               | MAR/1999    |
| I-69 | 252.203-7002<br>DFARS  | DISPLAY OF DOD HOTLINE POSTER                                                                                          | DEC/1991    |
| I-70 | 252.204-7000<br>DFARS  | DISCLOSURE OF INFORMATION                                                                                              | DEC/1991    |
| I-71 | 252.204-7003<br>DFARS  | CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT                                                                           | APR/1992    |
| I-72 | 252.204-7004<br>DFARS  | REQUIRED CENTRAL CONTRACTOR REGISTRATION                                                                               | NOV/2003    |
| I-73 | 252.204-7004<br>DFARS  | CENTRAL CONTRACTOR REGISTRATION (OCT 2003) - ALTERNATE A                                                               | NOV/2003    |
| I-74 | 252.205-7000<br>DFARS  | PROVISION OF INFORMATION TO COOPERATIVE AGREEMENT HOLDERS                                                              | DEC/1991    |
| I-75 | 252.209-7004<br>DFARS  | SUBCONTRACTING WITH FIRMS THAT ARE OWNED OR CONTROLLED BY THE<br>GOVERNMENT OF A TERRORIST COUNTRY                     | MAR/1998    |
| I-76 | 252.215-7000<br>DFARS  | PRICING ADJUSTMENTS                                                                                                    | DEC/1991    |
| I-77 | 252.217-7000<br>DFARS  | EXERCISE OF OPTION TO FULFILL FOREIGN MILITARY SALES COMMITMENTS (DEC<br>1991) - ALTERNATE I (DEC 1991)                | DEC/1991    |
| I-78 | 252.219-7003<br>DFARS  | SMALL, SMALL DISADVANTAGED AND WOMEN-OWNED SMALL BUSINESS<br>SUBCONTRACTING PLAN (DOD CONTRACTS)                       | APR/1996    |
| I-79 | 252.223-7002<br>DFARS  | SAFETY PRECAUTIONS FOR AMMUNITION AND EXPLOSIVES                                                                       | MAY/1994    |
| I-80 | 252.223-7003<br>DFARS  | CHANGE IN PLACE OF PERFORMANCE-AMMUNITION AND EXPLOSIVES                                                               | DEC/1991    |
| I-81 | 252.223-7004<br>DFARS  | DRUG-FREE WORK FORCE                                                                                                   | SEP/1988    |
| I-82 | 252.225-7004           | REPORTING OF CONTRACT PERFORMANCE OUTSIDE THE UNITED STATES                                                            | APR/2003    |
| I-83 | 252.225-7012<br>DFARS  | PREFERENCE FOR CERTAIN DOMESTIC COMMODITIES                                                                            | MAY/2004    |
| I-84 | 252.225-7013<br>DFARS  | DUTY-FREE ENTRY                                                                                                        | JAN/2004    |
| I-85 | 252.225-7014<br>DFARS  | PREFERENCE FOR DOMESTIC SPECIALTY METALS (APR 2003) - ALTERNATE I                                                      | APR/2003    |
| I-86 | 252.225-7033<br>DFARS  | WAIVER OF UNITED KINGDOM LEVIES                                                                                        | APR/2003    |
| I-87 | 252.225-7041<br>DFARS  | CORRESPONDENCE IN ENGLISH                                                                                              | JUN/1997    |
| I-88 | 252.225-7043<br>DFARS  | ANTITERRORISM/FORCE PROTECTION POLICY FOR DEFENSE CONTRACTORS OUTSIDE<br>UNITED STATES                                 | JUN/1998    |
| I-89 | 252.226-7001<br>DFARS  | UTILIZATION OF INDIAN ORGANIZATIONS, INDIAN-OWNED ECONOMIC<br>ENTERPRISES, AND NATIVE HAWAIIAN SMALL BUSINESS CONCERNS | SEP/2004    |
| I-90 | 252.227-7025<br>DFARS  | LIMITATIONS ON THE USE OR DISCLOSURE OF GOVERNMENT-FURNISHED<br>INFORMATION MARKED WITH RESTRICTIVE LEGENDS            | JUN/1995    |
| I-91 | 252.229-7000<br>DFARS  | INVOICES EXCLUSIVE OF TAXES OR DUTIES                                                                                  | JUN/1997    |
| I-92 | 252.229-7002           | CUSTOMS EXEMPTIONS (GERMANY)                                                                                           | JUN/1997    |

| CONTINUATION SHEET | Reference No. of Document Being Continued |         | Page 62 of 103 |
|--------------------|-------------------------------------------|---------|----------------|
|                    | PIIN/SIIN W52P1J-05-R-0010                | MOD/AMD |                |

Name of Offeror or Contractor:

|       | <u>Regulatory Cite</u> | <u>Title</u>                                                              | <u>Date</u> |
|-------|------------------------|---------------------------------------------------------------------------|-------------|
|       | DFARS                  |                                                                           |             |
| I-93  | 252.229-7003           | TAX EXEMPTIONS (ITALY)                                                    | JAN/2002    |
|       | DFARS                  |                                                                           |             |
| I-94  | 252.229-7005           | TAX EXEMPTIONS (SPAIN)                                                    | JUN/1997    |
|       | DFARS                  |                                                                           |             |
| I-95  | 252.229-7006           | VALUE ADDED TAX EXCLUSION (UNITED KINGDOM)                                | JUN/1997    |
|       | DFARS                  |                                                                           |             |
| I-96  | 252.229-7007           | VERIFICATION OF UNITED STATES RECEIPT OF GOODS                            | JUN/1997    |
|       | DFARS                  |                                                                           |             |
| I-97  | 252.229-7008           | RELIEF FROM IMPORT DUTY (UNITED KINGDOM)                                  | JUN/1997    |
|       | DFARS                  |                                                                           |             |
| I-98  | 252.231-7000           | SUPPLEMENTAL COST PRINCIPLES                                              | DEC/1991    |
|       | DFARS                  |                                                                           |             |
| I-99  | 252.232-7003           | ELECTRONIC SUBMISSION OF PAYMENT REQUESTS                                 | JAN/2004    |
|       | DFARS                  |                                                                           |             |
| I-100 | 252.232-7008           | ASSIGNMENT OF CLAIMS (OVERSEAS)                                           | JUN/1997    |
|       | DFARS                  |                                                                           |             |
| I-101 | 252.233-7001           | CHOICE OF LAW (OVERSEAS)                                                  | JUN/1997    |
|       | DFARS                  |                                                                           |             |
| I-102 | 252.242-7000           | POSTAWARD CONFERENCE                                                      | DEC/1991    |
|       | DFARS                  |                                                                           |             |
| I-103 | 252.242-7004           | MATERIAL MANAGEMENT AND ACCOUNTING SYSTEM                                 | DEC/2000    |
|       | DFARS                  |                                                                           |             |
| I-104 | 252.243-7001           | PRICING OF CONTRACT MODIFICATIONS                                         | DEC/1991    |
|       | DFARS                  |                                                                           |             |
| I-105 | 252.245-7001           | REPORTS OF GOVERNMENT PROPERTY                                            | MAY/1994    |
|       | DFARS                  |                                                                           |             |
| I-106 | 252.246-7000           | MATERIAL INSPECTION AND RECEIVING REPORT                                  | MAR/2003    |
|       | DFARS                  |                                                                           |             |
| I-107 | 52.219-4               | NOTICE OF PRICE EVALUATION PREFERENCE FOR HUBZONE SMALL BUSINESS CONCERNS | OCT/2004    |

\*\*\*

(c) Waiver of evaluation preference. A HUBZone small business concern may elect to waive the evaluation preference, in which case the factor will be added to its offer for evaluation purposes. The agreements in paragraph (d) of this clause do not apply if the offeror has waived the evaluation preference.

o Offeror elects to waive the evaluation preference.

\*\*\*

(End of clause)

(IF8005)

|       |          |                   |          |
|-------|----------|-------------------|----------|
| I-108 | 52.248-1 | VALUE ENGINEERING | FEB/2000 |
|-------|----------|-------------------|----------|

\*\*\*

(m) Data. The Contractor may restrict the Government's right to use any part of a VECP or the supporting data by marking the following legend on the affected parts: These data, furnished under the Value Engineering clause of contract \_W52P1J04-R-0040, shall not be disclosed outside the Government or duplicated, used, or disclosed, in whole or in part, for any purpose other than to evaluate a value engineering change proposal submitted under the clause. This restriction does not limit the Government's right to use information contained in these data if it has been obtained or is otherwise available from the Contractor or from another source without limitations.

If a VECP is accepted, the Contractor hereby grants the Government unlimited rights in the VECP and supporting data, except that, with respect to data qualifying and submitted as limited rights technical data, the Government shall have the rights specified in the

|                           |                                                                                                          |                       |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 63 of 103</b> |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|

**Name of Offeror or Contractor:**

contract modification implementing the VECP and shall appropriately mark the data. (The terms "unlimited rights" and "limited rights" are defined in Part 27 of the Federal Acquisition Regulation.)

(End of clause)

(IF8400)

|       |           |                                                                      |          |
|-------|-----------|----------------------------------------------------------------------|----------|
| I-109 | 52.215-21 | REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST | OCT/1997 |
|       |           | OR PRICING DATA-MODIFICATIONS (OCT 97) ALTERNATE II (OCT 97)         |          |
|       |           | ALTERNATE III (OCT 97)                                               |          |

\*\*\*

d. Submit the cost portion of the proposal via the following electronic media: electronic spreadsheet using Microsoft Excel or compatible format.

(End of clause)

(IF6108)

|       |           |          |          |
|-------|-----------|----------|----------|
| I-110 | 52.216-18 | ORDERING | OCT/1995 |
|-------|-----------|----------|----------|

Delivery Orders under the contract resulting from this solicitation may be executed only by the Contracting Officer. Delivery Orders will be issued in accordance with the successful offerors appropriate Firm Fixed Price Matrix as required under Section L of this solicitation. For the purposes of evaluation for award of the contract, the Government will evaluate and compare proposals on a with First Article price matrix basis. However, once the contract has been awarded, the Government reserves the right to utilize the appropriate price(s) identified in the corresponding without First Article price matrix if the Government determines that First Article testing is not required for a given awarded requirement. The unit prices shown in the individual orders will be the sum of the cartridge and shipping unit prices shown in the price matrix applicable to the total quantity required.

\*\*\*

(End of Clause)

(IF6088)

|       |           |                   |          |
|-------|-----------|-------------------|----------|
| I-111 | 52.216-19 | ORDER LIMITATIONS | OCT/1995 |
|-------|-----------|-------------------|----------|

(a) Minimum order. The Government is not obligated to purchase any supplies covered by this contract; the minimum quantity the Government is obligated to purchase is zero (0) rounds.

(b) Maximum order. The Contractor is not obligated to honor -

(1) Any order for a single item (listed by DODIC) in excess of the following:

DODIC MAXIMUM QUANTITY  
PER PROGRAM YEAR

|                |             |
|----------------|-------------|
| A059           | 170,000,000 |
| A062           | 85,000,000  |
| A063           | 41,000,000  |
| A064           | 100,000,000 |
| A075           | 124,000,000 |
| A080           | 175,000,000 |
| AA33           | 134,000,000 |
| A111(w/o BAND) | 120,000,000 |
| A111(w/BAND)   | 60,000,000  |
| A131           | 121,000,000 |
| A143           | 26,000,000  |
| A555           | 10,000,000  |

| CONTINUATION SHEET | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 64 of 103 |
|--------------------|---------------------------------------------------------------------------------|----------------|
|--------------------|---------------------------------------------------------------------------------|----------------|

**Name of Offeror or Contractor:**

|      |            |
|------|------------|
| A557 | 34,000,000 |
| A576 | 9,000,000  |
| A598 | 12,000,000 |

NOTE: NOTWITHSTANDING THE MAXIMUM QUANTITIES IDENTIFIED ABOVE, FOR DELIVERY ORDERS UP TO 300M ROUNDS, THE MAXIMUM QUANTITY THAT MAY BE AWARDED BY CARTRIDGE FAMILY IS:

5.56MM - 250M

7.62MM - 170M

.50 CAL - 40M

(2) Any order for a combination of items in excess of 500 million rounds; or

(3) A series of orders from HQ Army Field Support Command within the Government Fiscal Year that together call for quantities exceeding the limitation in subparagraph (1) or (2) above.

(c) If this is a requirements contract (i.e., includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) above.

(d) Notwithstanding paragraphs (b) and (c) above, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within 10 days after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

(End of Clause)

(IF6089)

|       |           |                                                |          |
|-------|-----------|------------------------------------------------|----------|
| I-112 | 52.232-19 | AVAILABILITY OF FUNDS FOR THE NEXT FISCAL YEAR | APR/1984 |
|-------|-----------|------------------------------------------------|----------|

Funds are not presently available for performance under this contract. The Government's obligation for performance of this contract beyond that date is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the Government for any payment may arise for performance under this contract until funds are made available to the Contracting Officer for performance and until the Contractor receives notice of availability, to be confirmed in writing by the Contracting Officer.

(End of clause)

(IF6068)

|       |          |                         |          |
|-------|----------|-------------------------|----------|
| I-113 | 52.243-7 | NOTIFICATION OF CHANGES | APR/1984 |
|-------|----------|-------------------------|----------|

(a) Definitions. "Contracting Officer," as used in this clause, does not include any representative of the Contracting Officer. "Specifically Authorized Representative (SAR)," as used in this clause, means any person the Contracting Officer has so designated by written notice (a copy of which shall be provided to the Contractor) which shall refer to this paragraph and shall be issued to the designated representative before the SAR exercises such authority.

(b) Notice. The primary purpose of this clause is to obtain prompt reporting of Government conduct that the Contractor considers to constitute a change to this contract. Except for changes identified as such in writing and signed by the Contracting Officer, the Contractor shall notify the Administrative Contracting Officer in writing promptly, within (to be negotiated) calendar days from the date that the Contractor identifies any Government conduct (including actions, inactions, and written or oral communications) that the Contractor regards as a change to the contract terms and conditions. On the basis of the most accurate information available to the Contractor, the notice shall state-

(1) The date, nature, and circumstances of the conduct regarded as a change;



|                                       |                                                                                                      |                       |
|---------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b>             | <b>Reference No. of Document Being Continued</b><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 65 of 103</b> |
| <b>Name of Offeror or Contractor:</b> |                                                                                                      |                       |

(2) The name, function, and activity of each Government individual and Contractor official or employee involved in or knowledgeable about such conduct;

(3) The identification of any documents and the substance of any oral communication involved in such conduct;

(4) In the instance of alleged acceleration of scheduled performance or delivery, the basis upon which it arose;

(5) The particular elements of contract performance for which the Contractor may seek an equitable adjustment under this clause, including-

- (i) What contract line items have been or may be affected by the alleged change;
- (ii) What labor or materials or both have been or may be added, deleted, or wasted by the alleged change;
- (iii) To the extent practicable, what delay and disruption in the manner and sequence of performance and effect on continued performance have been or may be caused by the alleged change;
- (iv) What adjustments to contract price, delivery schedule, and other provisions affected by the alleged change are estimated; and

(6) The Contractor's estimate of the time by which the Government must respond to the Contractor's notice to minimize cost, delay or disruption of performance.

(c) Continued performance. Following submission of the notice required by paragraph (b) of this clause, the Contractor shall diligently continue performance of this contract to the maximum extent possible in accordance with its terms and conditions as construed by the Contractor, unless the notice reports a direction of the Contracting Officer or a communication from a SAR of the Contracting Officer, in either of which events the Contractor shall continue performance; provided, however, that if the Contractor regards the direction or communication as a change as described in paragraph (b) of this clause, notice shall be given in the manner provided. All directions, communications, interpretations, orders and similar actions of the SAR shall be reduced to writing promptly and copies furnished to the Contractor and to the Contracting Officer. The Contracting Officer shall promptly countermand any action which exceeds the authority of the SAR.

(d) Government response. The Contracting Officer shall promptly, within (to be negotiated) calendar days after receipt of notice, respond to the notice in writing. In responding, the Contracting Officer shall either-

- (1) Confirm that the conduct of which the Contractor gave notice constitutes a change and when necessary direct the mode of further performance;
- (2) Countermand any communication regarded as a change;
- (3) Deny that the conduct of which the Contractor gave notice constitutes a change and when necessary direct the mode of further performance; or
- (4) In the event the Contractor's notice information is inadequate to make a decision under paragraphs (d)(1), (2), or (3) of this clause, advise the Contractor what additional information is required, and establish the date by which it should be furnished and the date thereafter by which the Government will respond.

(e) Equitable adjustments.

- (1) If the Contracting Officer confirms that Government conduct effected a change as alleged by the Contractor, and the conduct causes an increase or decrease in the Contractor's cost of, or the time required for, performance of any part of the work under this contract, whether changed or not changed by such conduct, an equitable adjustment shall be made-
  - (i) In the contract price or delivery schedule or both; and
  - (ii) In such other provisions of the contract as may be affected.

(2) The contract shall be modified in writing accordingly. In the case of drawings, designs or specifications which are defective and for which the Government is responsible, the equitable adjustment shall include the cost and time extension for delay reasonably incurred by the Contractor in attempting to comply with the defective drawings, designs or specifications before the Contractor identified, or reasonably should have identified, such defect. When the cost of property made obsolete or excess as a result of a change confirmed by the Contracting Officer under this clause is included in the equitable adjustment, the Contracting Officer shall have the right to prescribe the manner of disposition of the property. The equitable adjustment shall not include increased costs or time extensions for delay resulting from the Contractor's failure to provide notice or to continue performance as provided, respectively, in

| CONTINUATION SHEET | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 66 of 103 |
|--------------------|---------------------------------------------------------------------------------|----------------|
|--------------------|---------------------------------------------------------------------------------|----------------|

**Name of Offeror or Contractor:**

paragraphs (b) and (c) of this clause.

Note: The phrases "contract price" and "cost" wherever they appear in the clause, may be appropriately modified to apply to cost-reimbursement or incentive contracts, or to combinations thereof.

(End of clause)

(IF6250)

I-114                    52.246-17                    WARRANTY OF SUPPLIES OF A NONCOMPLEX NATURE                    JUN/2003

\*\*\*

(b) Contractor's obligations.  
(1) Notwithstanding inspection and acceptance by the Government of supplies furnished under this contract, or any condition of this contract concerning the conclusiveness thereof, the Contractor warrants Ammo Metal Parts for 1,095 days after acceptance.\_\_\_\_\_

\*\*\*

(c) Remedies available to the Government.  
(1) The Contracting Officer shall give written notice to the Contractor of any breach of warranties in paragraph (b)(1) of this clause within 120 days after discovery of defects.

\*\*\*

(End of clause)

(IF6070)

I-115                    252.223-7007                    SAFEGUARDING SENSITIVE CONVENTIONAL ARMS, AMMUNITION, AND EXPLOSIVES                    SEP/1999  
DFARS

(a) Definition. Arms, ammunition, and explosives (AA&E), as used in this clause, means those items within the scope (chapter 1, paragraph B) of DoD 5100.76-M, Physical Security of Sensitive Conventional Arms, Ammunition, and Explosives.

(b) The requirements of DoD 5100.76-M apply to the following items of AA&E being developed, produced, manufactured, or purchased for the Government, or provided to the Contractor as Government-furnished property under this contract:

| Nomenclature                     | NSN              | Sensitivity Category |
|----------------------------------|------------------|----------------------|
| M855 Ball Clipped                | 1305-01-155-5459 | IV                   |
| M855 Ball Linked                 | 1305-01-258-8692 | IV                   |
| M856 Tracer Carton               | 1305-01-155-5457 | IV                   |
| M855/M856 Ball/Tracer Linked 4:1 | 1305-01-252-0153 | IV                   |
| M200 Blank Linked w/o Band       | 1305-01-181-1750 | IV                   |
| M200 Blank Clipped               | 1305-00-182-3217 | IV                   |
| M855 Ball Commercial Pack        | 1305-01-457-4589 | IV                   |
| M82 Blank Linked w/o Band        | 1305-01-181-1750 | IV                   |
| M82 Blank Linked w/ Band         | 1305-00-752-8087 | IV                   |
| M80/M62 Ball Tracer Linked 4:1   | 1305-00-892-2150 | IV                   |
| w/ Band (M19A1 Can)              |                  |                      |
| M80/M62 Ball Tracer Linked 4:1   | 1305-00-143-7163 | IV                   |
| (M2A1 Can)                       |                  |                      |
| M80 Ball Linked                  | 1305-00-892-2330 | IV                   |
| M33 Ball Linked                  | 1305-00-028-6574 | IV                   |
| M33/M17 Ball Tracer Linked 4:1   | 1305-01-370-2594 | IV                   |
| M8/M20 API/API-T Linked 4:1      | 1305-00-028-6603 | IV                   |
| M1a1 Blank Linked                | 1305-01-078-4879 | IV                   |

(c) The Contractor shall comply with the requirements of DoD 5100.76-M, as specified in the statement of work. The edition of DoD 5100.76-M in effect on the date of issuance of the solicitation for this contract shall apply.

(d) The Contractor shall allow representatives of the Defense Security Service (DSS), and representatives of other appropriate offices of the Government, access at all reasonable times into its facilities and those of its subcontractors, for the purpose of performing

|                           |                                                                                                          |                       |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 67 of 103</b> |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|

**Name of Offeror or Contractor:**

surveys, inspections, and investigations necessary to review compliance with the physical security standards applicable to this contract.

(e) The Contractor shall notify the cognizant DSS field office of any subcontract involving AA&E within 10 days after award of the subcontract.

(f) The Contractor shall ensure that the requirements of this clause are included in all subcontracts, at every tier

- (1) For the development, production, manufacture, or purchase of AA&E; or
- (2) When AA&E will be provided to the subcontractor as Government-furnished property.

(g) Nothing in this clause shall relieve the Contractor of its responsibility for complying with applicable Federal, state, and local laws, ordinances, codes, and regulations (including requirements for obtaining licenses and permits) in connection with the performance of this contract.

(End of clause)

(IA6200)

|       |              |                                                                              |          |
|-------|--------------|------------------------------------------------------------------------------|----------|
| I-116 | 252.225-7043 | ANTITERRORISM/FORCE PROTECTION FOR DEFENSE CONTRACTORS OUTSIDE UNITED STATES | JUN/1998 |
|       | DFARS        |                                                                              |          |

\*\*\*

(c) Information and guidance pertaining to DoD antiterrorism/force protection can be obtained from HQDA (DAMA-ODL/ODCSOP). Telephone: DSN: 225-8491 or Commercial (703) 695-8491.

(End of clause)

(IA6720)

|       |          |                                             |          |
|-------|----------|---------------------------------------------|----------|
| I-117 | 52.209-3 | FIRST ARTICLE APPROVAL - CONTRACTOR TESTING | SEP/1989 |
|-------|----------|---------------------------------------------|----------|

(a) The Contractor shall test applicable quantities of production item as specified in applicable specification elsewhere in this contract. At least thirty (30) calendar days for CONUS and sixty (60) calendar days for OCONUS before the beginning of first article tests, the Contractor shall notify the Contracting Officer, in writing, of the time and location of the testing so that the Government may witness the tests.

(b) The Contractor shall submit the first article test report within 120 calendar days from the date of the delivery order award to SFSJM-QAP marked "FIRST ARTICLE TEST REPORT: Contract No.\_\_\_\_,Lot/Item No.\_\_\_\_." Within thirty (30) calendar days after the Government receives the test report, the Contracting Officer shall notify the Contractor, in writing, of the conditional approval, approval, or disapproval of the first article; except that the number of days from receipt of the test report until the Contractor is notified shall be sixty (60) calendar days when the option to perform confirmatory testing is exercised by the Government. The notice of conditional approval or approval shall not relieve the Contractor from complying with all requirements of the specifications and all other terms and conditions of this contract. A notice of conditional approval shall state any further action required of the Contractor. A notice of disapproval shall cite reasons for the disapproval.

\*\*\*

(End of Clause)

(IF7018)

|       |          |                                                                   |          |
|-------|----------|-------------------------------------------------------------------|----------|
| I-118 | 52.209-3 | FIRST ARTICLE APPROVAL -CONTRACTOR TESTING (SEP 89) - ALTERNATE I | JAN/1997 |
|-------|----------|-------------------------------------------------------------------|----------|

\*\*\*

(End of clause)

(IF7019)

| CONTINUATION SHEET | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 68 of 103 |
|--------------------|---------------------------------------------------------------------------------|----------------|
|--------------------|---------------------------------------------------------------------------------|----------------|

**Name of Offeror or Contractor:**

I-119      52.215-21      REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST      OCT/1997  
OR PRICING DATA-MODIFICATIONS

\*\*\*

(End of clause)

(IF7010)

I-120      52.223-11      OZONE-DEPLETING SUBSTANCES      MAY/2001

\*\*\*

(b) The Contractor shall label products which contain or are manufactured with ozone-depleting substances in a manner and to the extent required by 42 U.S.C. 7671j(b), (c), and (d) and 40 CFR Part 82, Subpart E, as follows:

WARNING

Contains (or manufactured with, if applicable) \_\_\_\_\_\*, \_\_\_\_\_, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere."

\*The Contractor shall insert the name of the substance(s).

(End of clause)

(IF7098)

I-121      52.234-1      INDUSTRIAL RESOURCES DEVELOPED UNDER DEFENSE PRODUCTION ACT TITLE III      DEC/1994

(a) Definitions. "Title III industrial resource" means materials, services, processes, or manufacturing equipment (including the processes, technologies, and ancillary services for the use of such equipment) established or maintained under the authority of Title III, Defense Production Act (50 U.S.C. App. 2091-2093).

"Title III project contractor" means a contractor that has received assistance for the development or manufacture of an industrial resource under 50 U.S.C. App. 2091-2093, Defense Production Act.

(b) The Contractor shall refer any request from a Title III project contractor for testing and qualification of a Title III industrial resource to the Contracting Officer.

(c) Upon the direction of the Contracting Officer, the Contractor shall test Title III industrial resources for qualification. The Contractor shall provide the test results to the Defense Production Act Office, Title III Program, located at Wright Patterson Air Force Base, Ohio 45433-7739.

(d) When the Contracting Officer modifies the contract to direct testing pursuant to this clause, the Government will provide the Title III industrial resource to be tested and will make an equitable adjustment in the contract for the costs of testing and qualification of the Title III industrial resource.

(e) The Contractor agrees to insert the substance of this clause, including paragraph (e), in every subcontract issued in performance of this contract.

(End of clause)

(IF7075)

I-122      52.244-6      SUBCONTRACTS FOR COMMERCIAL ITEMS      JUL/2004

(a) Definitions. As used in this clause-

"Commercial item" has the meaning contained in Federal Acquisition Regulation 2.101, Definitions.

"Subcontract" includes a transfer of commercial items between divisions, subsidiaries, or affiliates of the Contractor or subcontractor at any tier.

| CONTINUATION SHEET             | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 69 of 103 |
|--------------------------------|---------------------------------------------------------------------------------|----------------|
| Name of Offeror or Contractor: |                                                                                 |                |

(b) To the maximum extent practicable, the Contractor shall incorporate, and require its subcontractors at all tiers to incorporate, commercial items or non-developmental items as components of items to be supplied under this contract.

- (c)(1) The Contractor shall insert the following clauses in subcontracts for commercial items:
- (i) 52.219-8, Utilization of Small Business Concerns (May 2004) (15 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$500,000 (\$1,000,000 for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.
  - (ii) 52.222-26, Equal Opportunity (Apr 2002) (E.O. 11246).
  - (iii) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Dec 2001) (38 U.S.C. 4212(a));
  - (iv) 52.222-36, Affirmative Action for Workers with Disabilities (June 1998) (29 U.S.C. 793).
  - (v) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Apr 2003) (46 U.S.C. Appx 1241 and 10 U.S.C. 2631) (flow down required in accordance with paragraph (d) of FAR clause 52.247-64).

(2) While not required, the Contractor may flow down to subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

- (d) The Contractor shall include the terms of this clause, including this paragraph (d), in subcontracts awarded under this contract.
- (End of clause)

(IF7045)

I-123                      52.245-9                      USE AND CHARGES (DEVIATION)                      APR/1984

(a) Definitions. As used in this clause--

"Acquisition cost" means the acquisition cost recorded in the contractor's property control system or, in the absence of such record, the value attributed by the Government to a government property item for purposes of determining a reasonable rental charge.

"Government property" means property owned or leased by the Government.

"Real property" means land and rights in land, ground improvements, utility distribution systems, and buildings and other structures. It does not include foundations and other work necessary for installing special tooling, special test equipment, or equipment.

"Rental period" means the calendar period during which government property is made available for commercial purposes.

"Rental time" means the number of hours, to the nearest whole hour, rented property is actually used for commercial purposes. It includes time to set up the property for such purposes, perform required maintenance, and restore the property to its condition prior to rental (less normal wear and tear).

(b) General.

(1) Rental requests must be submitted to the administrative Contracting Officer, identify the property for which rental is requested, propose a rental period, and calculate an estimated rental charge by using the Contractor's best estimate of rental time in the formulae described in paragraph (c) of this clause.

(2) The Contractor shall not use government property for commercial purposes, including Independent Research and Development, until a rental charge for real property, or estimated rental charge for other property, is agreed upon. Rented property shall be used only a noninterference basis.

(c) Rental Charge.

(1) Real property and associated fixtures.

|                                                              |                                                                                                                                                                |                                                          |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <p style="text-align: center;"><b>CONTINUATION SHEET</b></p> | <p style="text-align: center;"><b>Reference No. of Document Being Continued</b></p> <p style="text-align: center;">PIIN/SIIN W52P1J-05-R-0010      MOD/AMD</p> | <p style="text-align: center;"><b>Page 70 of 103</b></p> |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|

**Name of Offeror or Contractor:**

(i) The Contractor shall obtain, at its expense, a property appraisal from an independent licensed, accredited, or certified appraiser that computes a monthly, daily, or hourly rental rate for comparable commercial property. The appraisal may be used to compute rentals under this clause throughout its effective period or, if an effective period is not stated in the appraisal, for one year following the date the appraisal was performed. The Contractor shall submit the appraisal to the administrative Contracting Officer at least 30 days prior to the date the property is needed for commercial use. Except as provided in paragraph (c)(1)(iii) of this clause,, the administrative Contracting Officer shall use the appraisal rental rate to determine a reasonable rental charge.

(ii) Rental charges shall be determined by multiplying the rental time by the appraisal rental rate expressed as a rate per hour. Monthly or daily appraisal rental rates shall be divided by 720 or 24, respectively, to determine an hourly rental rate.

(iii) When the administrative Contracting Officer has reason to believe the appraisal rental rate is not reasonable, he or she shall promptly notify the Contractor and provide his or her rationale. The parties may agree on an alternate means for computing a reasonable rental charge.

(2) Other government property. The Contractor may elect to calculate the final rental charge using the appraisal method described in paragraph (c)(1) of this clause subject to the constraints therein or the following formula in which rental time portions of hours rounded to the next higher hour--

$$\text{Rental charge} = (\text{Rental Time in hours}) (.02 \text{ per month}) (\text{Acquisition Cost}) / 720 \text{ hours per month}$$

(3) Alternate methodology. The Contractor may request consideration of an alternate basis for computing the rental charge if it considers the monthly rental rate or a time-based rental unreasonable or impractical.

(d) Rental payments.

(1) Rent is due at the time and place specified by the Contracting Officer. If a time is not specified, the rental is due 60 days following completion of the rental period. The Contractor shall calculate the rental due, and furnish records or other supporting data in sufficient detail to permit the administrative Contracting Officer to verify the rental time and computation. Unless otherwise permitted by law, payment shall be made by check payable to the Treasurer of the United States and sent to the contract administration office identified in this contract or by electronic funds transfer to that office.

(2) Interest will be charged if payment is not made by the specified payment date or, in the absence of a specified date, the 61st day following completion of the rental period. Interest will accrue at the "Renegotiation Board Interest Rate" (published in the Federal Register semiannually on or about January 1st and July 1st) for the period in which the rent is due.

(3) The Government's acceptance of any rental payment under this clause, in whole or in part, shall not be construed as a waiver of relinquishment of any rights it may have against the Contractor stemming from the Contractor's unauthorized use of government property or any other failure to perform this contract according to its terms.

(e) Use revocation. At any time during the rental period, the Government may revoke commercial use authorization and require the Contractor, at the Contractor's expense, to return the property to the Government, restore the property to its pre-rental condition (less normal wear and tear), or both.

(f) Unauthorized use. The unauthorized use of government property can subject a person to fines, imprisonment, or both, under 18 U.S.C. 641.

(End of clause)

(IF7007)

I-124      52.247-2      PERMITS, AUTHORITIES, OR FRANCHISES      JAN/1997

(a) The offeror certifies that the offeror does ( ), does not ( ), hold authorization from the Federal Highway Administration or other cognizant regulatory body. If authorization is held, it is as follows:

\_\_\_\_\_  
(Name of regulatory body)

\_\_\_\_\_  
(Authorization No.) \*\*\*

(End of clause)

(IF7300)

| CONTINUATION SHEET             | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 71 of 103 |
|--------------------------------|---------------------------------------------------------------------------------|----------------|
| Name of Offeror or Contractor: |                                                                                 |                |

I-125                      52.252-6                      AUTHORIZED DEVIATIONS IN CLAUSES                      APR/1984

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of ''(DEVIATION)'' after the date of the clause.

(b) The use in this solicitation or contract of any DOD FAR SUPPLEMENT (48 CFR Chapter 2) clause with an authorized deviation is indicated by the addition of ''(DEVIATION)'' after the name of the regulation.

(End of clause)

(IF7016)

I-126                      29.303(C)                      CALIFORNIA SALES AND USE TAX NOTICE (AL 92-1)                      MAY/1992

\*\*\*

(End of clause)

(IF7002)

I-127                      252.211-7005                      SUBSTITUTIONS FOR MILITARY OR FEDERAL SPECIFICATIONS AND STANDARDS                      FEB/2003  
DFARS

(a) Definition. SPI process, as used in this clause, means a management or manufacturing process that has been accepted previously by the Department of Defense under the Single Process Initiative (SPI) for use in lieu of a specific military or Federal specification or standard at specific facilities. Under SPI, these processes are reviewed and accepted by a Management Council, which includes representatives of the Contractor, the Defense Contract Management Agency, the Defense Contract Audit Agency, and the military departments.

(b) Offerors are encouraged to propose SPI processes in lieu of military or Federal specifications and standards cited in the solicitation. A listing of SPI processes accepted at specific facilities is available via the Internet in Excel format at <http://www.dcmil.com/onebook/7.0/7.2.7.2.6/reports/modified.xls>.

(c) An offeror proposing to use an SPI process in lieu of military or Federal specifications or standards cited in the solicitation shall

- (1) Identify the specific military or Federal specification or standard for which the SPI process has been accepted;
- (2) Identify each facility at which the offeror proposes to use the specific SPI process in lieu of military or Federal specifications or standards cited in the solicitation;
- (3) Identify the contract line items, sub-line items, components, or elements affected by the SPI process; and
- (4) If the proposed SPI process has been accepted at the facility at which it is proposed for use, but is not yet listed at the Internet site specified in paragraph (b) of this clause, submit documentation of Department of Defense acceptance of the SPI process.

(d) Absent a determination that an SPI process is not acceptable for this procurement, the Contractor shall use the following SPI processes in lieu of military or Federal specifications or standards:

(Offeror insert information for each SPI process)

SPI Process: \_\_\_\_\_

Facility: \_\_\_\_\_

Military or Federal Specification or Standard: \_\_\_\_\_

Affected Contract Line Item Number, Sub-line Item Number, Component, or Element: \_\_\_\_\_

(e) If a prospective offeror wishes to obtain, prior to the time specified for receipt of offers, verification that an SPI process is an acceptable replacement for military or Federal specifications or standards required by the solicitation, the prospective offeror

- (1) May submit the information required by paragraph (d) of this clause to the Contracting Officer prior to submission of an offer; but

|                                  |                                                                                                                      |                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------|
| <p><b>CONTINUATION SHEET</b></p> | <p><b>Reference No. of Document Being Continued</b></p> <p><b>PIIN/SIIN</b> W52P1J-05-R-0010      <b>MOD/AMD</b></p> | <p><b>Page 72 of 103</b></p> |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------|

**Name of Offeror or Contractor:**

(2) Must submit the information to the Contracting Officer at least 10 working days prior to the date specified for receipt of offers.

(End of clause)

(IA7015)

|       |              |                                                  |          |
|-------|--------------|--------------------------------------------------|----------|
| I-128 | 252.225-7001 | BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM | APR/2003 |
|       | DFARS        |                                                  |          |

- (a) Definitions. As used in this clause-
- (1) Component means an article, material, or supply incorporated directly into an end product.
  - (2) Domestic end product means
    - (i) An un-manufactured end product that has been mined or produced in the United States; or
    - (ii) An end product manufactured in the United States if the cost of its qualifying country components and its components that are mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. The cost of components includes transportation costs to the place of incorporation into the end product and U.S. duty (whether or not a duty-free entry certificate is issued). Scrap generated, collected, and prepared for processing in the United States is considered domestic. A component is considered to have been mined, produced, or manufactured in the United States (regardless of its source in fact) if the end product in which it is incorporated is manufactured in the United States and the component is of a class or kind for which the Government has determined that
      - (A) Sufficient and reasonably available commercial quantities of a satisfactory quality are not mined, produced, or manufactured in the United States; or
      - (B) It is inconsistent with the public interest to apply the restrictions of the Buy American Act.
  - (3) End product means those articles, materials, and supplies to be acquired under this contract for public use.
  - (4) Foreign end product means an end product other than a domestic end product.
  - (5) Qualifying country means any country set forth in subsection 225.872-1 of the Defense Federal Acquisition Regulation Supplement (DFARS).
  - (6) Qualifying country component means a component mined, produced, or manufactured in a qualifying country.
  - (7) Qualifying country end product means
    - (i) An un-manufactured end product mined or produced in a qualifying country; or
    - (ii) An end product manufactured in a qualifying country if the cost of the following types of components exceeds 50 percent of the cost of all its components:
      - (A) Components mined, produced, or manufactured in a qualifying country.
      - (B) Components mined, produced, or manufactured in the United States.
      - (C) Components of foreign origin of a class or kind for which the Government has determined that sufficient and reasonably available commercial quantities of a satisfactory quality are not mined, produced, or manufactured in the United States.
  - (b) This clause implements the Buy American Act (41 U.S.C. Section 10a-d). Unless otherwise specified, this clause applies to all line items in the contract.
  - (c) The Contractor shall deliver only domestic end products unless, in its offer, it specified delivery of other end products in the Buy American Act Balance of Payments Program Certificate provision of the solicitation. If the Contractor



|                    |                                                                                 |                |
|--------------------|---------------------------------------------------------------------------------|----------------|
| CONTINUATION SHEET | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 73 of 103 |
|--------------------|---------------------------------------------------------------------------------|----------------|

**Name of Offeror or Contractor:**

certified in its offer that it will deliver a qualifying country end product, the Contractor shall deliver a qualifying country end product or, at the Contractors option, a domestic end product.

(d) The contract price does not include duty for end products or components for which the Contractor will claim duty-free entry.

(End of clause)

(IA7732)

|       |              |            |          |
|-------|--------------|------------|----------|
| I-129 | 252.229-7001 | TAX RELIEF | JUN/1997 |
|       | DFARS        |            |          |

(a) Prices set forth in this contract are exclusive of all taxes and duties from which the United States Government is exempt by virtue of tax agreements between the United States Government and the Contractor's government. The following taxes or duties have been excluded from the contract price:

|                   |                  |                         |                  |
|-------------------|------------------|-------------------------|------------------|
| NAME OF TAX:_____ | (Offeror insert) | RATE (PERCENTAGE):_____ | (Offeror insert) |
|-------------------|------------------|-------------------------|------------------|

\*\*\*

(End of clause)

(IA7006)

|       |              |                                   |          |
|-------|--------------|-----------------------------------|----------|
| I-130 | 252.243-7002 | REQUESTS FOR EQUITABLE ADJUSTMENT | MAR/1998 |
|       | DFARS        |                                   |          |

\*\*\*

(b) In accordance with 10 U.S.C. 2410(a), any request for equitable adjustment to contract terms that exceeds the simplified acquisition threshold shall bear, at the time of submission, the following certificate executed by an individual authorized to certify the request on behalf of the Contractor:

I certify that the request is made in good faith, and that the supporting data are accurate and complete to the best of my knowledge and belief.

\_\_\_\_\_  
(Official's Name)

\_\_\_\_\_  
(Title)

\*\*\*

(End of clause)

(IA7035)

|       |              |                                                                  |          |
|-------|--------------|------------------------------------------------------------------|----------|
| I-131 | 252.244-7000 | SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENTS (DOD | MAR/2000 |
|       | DFARS        | CONTRACTS)                                                       |          |

In addition to the clauses listed in paragraph (c) of the Subcontracts for Commercial Items and Commercial Components clause

| CONTINUATION SHEET | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 74 of 103 |
|--------------------|---------------------------------------------------------------------------------|----------------|
|--------------------|---------------------------------------------------------------------------------|----------------|

**Name of Offeror or Contractor:**

of this contract (Federal Acquisition Regulation 52.244-6), the Contractor shall include the terms of the following clauses, if applicable, in subcontracts for commercial items or commercial components, awarded at any tier under this contract:

252.225-7014 Preference for Domestic Specialty Metals, Alternate I (10 U.S.C. 2241 note).

252.247-7023 Transportation of Supplies by Sea (10 U.S.C. 2631).

252.247-7024 Notification of Transportation of Supplies by Sea (10 U.S.C. 2631).

(End of clause)

(IA7745)

|       |             |                                        |          |
|-------|-------------|----------------------------------------|----------|
| I-132 | 52.201-4500 | AUTHORITY OF GOVERNMENT REPRESENTATIVE | FEB/1993 |
|       | LOCAL       |                                        |          |

The Contractor is advised that contract changes, such as engineering changes, will be authorized only by the Contracting Officer or his representative in accordance with the terms of the contract. No other Government representative, whether in the act of technical supervision or administration, is authorized to make any commitment to the Contractor or to instruct the Contractor to perform or terminate any work, or to incur any obligation. Project Engineers, Technical Supervisors and other groups are not authorized to make or otherwise direct changes which in any way affect the contractual relationship of the Government and the Contractor.

(End of clause)

(IS7025)

|       |             |                                 |          |
|-------|-------------|---------------------------------|----------|
| I-133 | 52.247-4544 | TRANSPORTATION CONTAINERIZATION | JAN/1991 |
|       | LOCAL       |                                 |          |

\*\*\*

(End of clause)

(IS7011)

I-134

As prescribed in DFARS 223.70, Safety Precautions for Ammunition and Explosives, December 1991, if award is made to a Contractor-Owned, Contractor-Operated (COCO) establishment, the PCO will assure the Defense Contract Management Command (DCMS) performs a pre-award survey. If award is made to a Government-Owned, Contractor-Operated (GOCO) establishment, the PCO will assure resident Army Safety staff performs a pre-award survey.

\*\*\* END OF NARRATIVE I 001 \*\*\*

I-135 Economic Price Adjustment (EPA) - Cost Index Method (Copper)

- a. The contractor warrants that the cartridge unit prices set forth in the contract do not include allowances for any contingency to the extent covered by this clause.
- b. Economic price adjustments shall be made only as provided herein regardless of the cost during the performance of the contract.
- c. The contractor is required, unless otherwise directed, to submit to the contracting officer the completed Cartridge Unit Price Adjustment Table described in paragraph k below for fiscal year 2007 unit prices. This information shall be submitted by 30 June 2007. He shall also submit a revised FY 2007 cartridge unit price matrix adjusted pursuant to the adjustment table, if one is required pursuant to this clause. Calculations and revised cartridge unit price matrices for subsequent fiscal years shall be due by 30 June of each fiscal year, as required. Only the small caliber ammunition cartridge unit prices shall be subject to adjustment. The shipping unit prices shall not be subject to adjustment. Any economic price adjustment, including revised contract cartridge unit prices, will be incorporated in the contract by a contract modification. If an agreement cannot be reached, the contracting officer may determine the applicable decrease or increase and make a unilateral price adjustment at any time.
- d. Adjustments to the cartridge unit prices shall be applicable to all affected CLINS awarded after 30 September 2006. No adjustments

|                                                              |                                                                                                                                                                |                                                          |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <p style="text-align: center;"><b>CONTINUATION SHEET</b></p> | <p style="text-align: center;"><b>Reference No. of Document Being Continued</b></p> <p style="text-align: center;">PIIN/SIIN W52P1J-05-R-0010      MOD/AMD</p> | <p style="text-align: center;"><b>Page 75 of 103</b></p> |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|

**Name of Offeror or Contractor:**

will be made to items awarded on or prior to that date.

e. The base index shall be the average index value for Government fiscal year 2005 (October 2004 September 2005). The adjustment index value will be the average index value for the fiscal year to be adjusted. The average index values will be calculated by summing each applicable quarterly index value and dividing the result by four quarters. The average quarterly index values shall be based on the indices published as of 31 May of the fiscal year to be adjusted. No adjustment will be made for any escalation amount that falls within +/- 2.0 percent of the base index value.

f. Six percent (6%) of the cartridge unit prices shall be subject to economic price adjustment for copper.

g. The index used for adjustments will be Global Insights Copper Cathode and Other Refined Copper index, PPI 3314112. In the event the index cited is not continued or substantially altered, the parties shall mutually agree upon an appropriate substitute to be effective as of the date of index discontinuance or alteration. Failure to reach an agreement shall be subject to the Disputes clause of the contract. The base year index will be recalculated as previously described in this clause for purposes of determining the adjustments under the substitute index. However, prior fiscal year cartridge unit prices that were adjusted under the PPI 3314112 index shall not be adjusted as a result of the substitute index.

h. Cartridge unit price adjustments pursuant to this clause shall not exceed seven percent (7%) of the cartridge unit prices as contained in the contracts price matrices. Contract unit price changes that change the original cartridge unit price matrices will not be considered for EPA adjustment unless specifically stated in the contract and its modifications. There will be no limit on downward contract unit price adjustments. Adjustments made in any year will not be carried forward into the following fiscal year. Pricing of the following fiscal years orders will be at the cartridge unit prices originally contained in this contract for that year until the EPA adjustment is determined. At that time the following fiscal years cartridge unit prices will be adjusted.

i. The contractor shall certify on the final annual adjusting invoice that the amounts invoiced under the contract reflect all decreases required by this clause.

j. The following table is to be completed by the contractor as required by paragraph 3. The contractor shall also supply along with the table his revised cartridge unit price matrix that incorporates the adjustment factor under column (6), if one is required.

CARTRIDGE UNIT PRICE ADJUSTMENT TABLE

COST FACTOR: 6.0% OF APPLICABLE CLIN AMOUNTS

INDEX IDENTIFICATION: Global Insights Copper Cathode and Other Refined Copper, PPI 3314112

| (1)          | (2)                | (3)          | (4)            | (5)            | (6)             |
|--------------|--------------------|--------------|----------------|----------------|-----------------|
| Base         | Base Index         | Adjmnt       | Index          | Rate of        | CLIN Adjst.     |
| Index        | Value Range        | Index        | Difference     | Change         | Factor          |
| <u>Value</u> | <u>Lower/Upper</u> | <u>Value</u> | <u>(3)-(2)</u> | <u>(4)/(2)</u> | <u>(5) X 6%</u> |

1. Column (1) is the base year index value. It is calculated by summing each final quarterly index value for Government fiscal year 2005 (October 2004 through September 2005) and dividing the results by four quarters: (Q1 + Q2 + Q3 + Q4)/4.

2. Column (2) is the upper and lower values of the adjustment band. These values are calculated by subtracting and adding 2.0% to the Base Index Value for the lower and upper range values, respectively. Escalation increases are calculated against the upper value, while escalation decreases are calculated against the lower value.

3. Column (3) is the adjustment index value for the fiscal year being adjusted. It is calculated by summing each quarterly index value for that fiscal year and dividing the result by four quarters (see paragraph j.1 above for formula). If the result falls within the upper and lower index value range, no adjustment is made for that fiscal year.

4. The difference (+) or (-) between the adjustment index value in column (3) and the base index value range in column (2) will be entered in column (4). Increases in escalation will be based on the upper value of the range, while decreases will be based on the lower value of the range.

5. The index difference, whether (+) or (-), in column (4) shall be divided by the applicable base index value in column (2) (see paragraph j.2 above). The resulting rate of change shall be entered in column (5).

6. The rate of change in column (5) will be multiplied by 6% and entered into column (6) to arrive at the CLIN adjustment factor. The contractor will then increase or decrease the range unit prices contained in the contractors price matrices accordingly by this result. If column 6 is a positive number, the matrix unit prices will be increased by that percentage. Conversely, if column 6 is a negative number, the matrix unit prices will be decreased by that percentage. In no event will the CLIN adjustment factor exceed 7% after the rate of change in column (5) is multiplied by six percent. There is no limit to downward adjustments. As noted above, if the adjustment index value identified in column (3) is within the index value range of column (2), no adjustment will be made to the unit prices. Therefore a revised matrix is not necessary.

EPA ADJUSTMENT EXAMPLE  
(Data and values are for illustrative purposes only)

This example assumes that the contractor is submitting the table for Fiscal Year 2007 prices.

|       |            |       |      |        |       |
|-------|------------|-------|------|--------|-------|
| (1)   | (2)        | (3)   | (4)  | (5)    | (6)   |
| 100.0 | 98.0 102.0 | 120.5 | 18.5 | 18.14% | 1.09% |

(1) The base index value for FY 2005 of 100.0 is calculated based on the following:

Quarter 1 (2004 quarter 4 index): 101.0  
Quarter 2 (2005 quarter 1 index): 100.0  
Quarter 3 (2005 quarter 2 index): 99.0  
Quarter 4 (2005 quarter 3 index): 100.0

Summing the four (4) quarters results in a total of 400.0, and dividing this by four (4) quarters results in the base year index of 100.0.

(2) The index value adjustment band is calculated as follows:

Base index value: 100.0  
Adjustment Range Percentage: 2.0%  
Adjustment = 100.0 X 2.0% = 2.0

Lower Index Range Value = 100.0 2.0 = 98.0  
Upper Index Range Value = 100.0 + 2.0 = 102.0

(3) The index value for the year in question (in this case, fiscal year 07) is calculated in the same manner as described in the column (1) explanation above. In this example, an average index value of 120.5 is used.

(4) Since the 2007 average index value is greater than the upper range calculated in column (2) above, the index difference is 18.5 (120.5 - 102.0).

(5) The rate of change over the upper index value calculated in column 2 above is 18.14% (18.5/102.0).

(6) Multiplying 18.14% by 6.00% (this is the percentage of each CLIN subject to adjustment) results in a CLIN adjustment factor of 1.09%. The contractor will then provide a revised cartridge unit price matrix that increases each CLINs range prices by this percentage. Only the cartridge unit prices are subject to this adjustment. It doesnt apply to the shipping unit prices.

(End of Clause)

|                                       |                                                                                                          |                       |
|---------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b>             | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 77 of 103</b> |
| <b>Name of Offeror or Contractor:</b> |                                                                                                          |                       |

SECTION J - LIST OF ATTACHMENTS

| <u>List of<br/>Addenda</u> | <u>Title</u>                                                 | <u>Date</u> | <u>Number<br/>of Pages</u> | <u>Transmitted By</u> |
|----------------------------|--------------------------------------------------------------|-------------|----------------------------|-----------------------|
| Exhibit A                  | CONTRACT DATA REQUIREMENTS LIST- ALL SMALL CALIBER FAMILIES  |             | 011                        |                       |
| Attachment 001             | INSTRUCTIONS FOR COMPLETING DD FORM 1423                     |             | 001                        |                       |
| Attachment 002             | GUIDANCE ON DOCUMENTATION OF CONTRACT REQUIREMENTS LIST      |             | 002                        |                       |
| Attachment 003             | STATEMENT OF WORK ACCOUNTABILITY INSTRUCTIONS                |             | 001                        |                       |
| Attachment 004             | ADDRESS CODE DISTRIBUTION FOR ECP/RFD/VECP                   |             | 001                        |                       |
| Attachment 005             | ADDRESSES                                                    |             | 001                        |                       |
| Attachment 006             | DATA DELIVERY DESCRIPTION-NOTICE OF REVISION (NOR)           |             | 002                        |                       |
| Attachment 007             | DATA DELIVERY DESCRIPTION-REQUEST FOR DEVIATION (RFD)        |             | 004                        |                       |
| Attachment 008             | DATA DELIVERY DESCRIPTION-ENGINEERING CHANGE PROPOSAL (ECP)  |             | 009                        |                       |
| Attachment 009             | TECHNICAL DATA PACKAGE COMPARISON WORKSHEET                  |             | 001                        |                       |
| Attachment 010             | INSTRUCTIONS FOR COMPLETION OF BIDDING TEMPLATE              |             | 002                        |                       |
| Attachment 011             | BIDDING TEMPLATE WITH FIRST ARTICLE ACCEPTANCE TEST COSTS    |             | 015                        |                       |
| Attachment 012             | BIDDING TEMPLATE WITHOUT FIRST ARTICLE ACCEPTANCE TEST COSTS |             | 015                        |                       |
| Attachment 013             | PRICE EVALUATION EXAMPLE                                     |             | 006                        |                       |
| Attachment 014             | A555 PACKAGING DRAWINGS AND ASSOCIATED DOCUMENTS             |             | 001                        |                       |
| Attachment 015             | SECURITY STATEMENT OF WORK                                   |             | 003                        |                       |
| Attachment 016             | RADIO FREQUENCY IDENTIFICATION (RFID) INFORMATION            |             | 039                        |                       |
| Attachment 017             | DOCUMENT SUMMARY LIST                                        |             | 004                        |                       |
| Attachment 018             | WARNING THIS CONTRACT INVOLVES HAZARDOUS MATERIAL            |             | 001                        |                       |

|                                                 |                                                                                                                                                    |                                            |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| <p align="center"><b>CONTINUATION SHEET</b></p> | <p align="center"><b>Reference No. of Document Being Continued</b></p> <p align="center"><b>PIIN/SIIN</b> W52P1J-05-R-0010      <b>MOD/AMD</b></p> | <p align="right"><b>Page 78 of 103</b></p> |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|

**Name of Offeror or Contractor:**

**SECTION K - REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFERORS**

For Local Clauses See: <http://www.afsc.army.mil/ac/aais/ioc/clauses/index.htm>

The following Federal Acquisition Regulation (FAR), DoD FAR Supplement clauses and provisions, the full text of which will be made available upon request, are incorporated herein by reference with the same force and effect as if set forth in full text.

The text of the clauses incorporated by reference herein are available from the contract specialist indicated in block 7 of the Standard Form 33 or (as applicable) the contracting officer and will be furnished upon request. Other documents are available as indicated in the schedule.

Any company/individual wishing to purchase a copy of the Federal Acquisition Regulation (FAR), the Army FAR Supplement or the DOD FAR Supplement, may do so from the Superintendent of Documents, US Government Printing Office, Washington DC 20402.

(KA7001)

|     | <u>Regulatory Cite</u> | <u>Title</u>                                                                                 | <u>Date</u> |
|-----|------------------------|----------------------------------------------------------------------------------------------|-------------|
| K-1 | 52.203-11              | CERTIFICATION AND DISCLOSURE REGARDING PAYMENTS TO INFLUENCE CERTAIN<br>FEDERAL TRANSACTIONS | APR/1991    |
| K-2 | 252.209-7001<br>DFARS  | DISCLOSURE OF OWNERSHIP OR CONTROL BY THE GOVERNMENT OF A TERRORIST<br>COUNTRY               | SEP/2004    |
| K-3 | 252.209-7002<br>DFARS  | DICLOSURE OF OWNERSHIP OR CONTROL BY A FOREIGN GOVERNMENT                                    | SEP/2004    |
| K-4 | 52.219-1               | SMALL BUSINESS PROGRAM REPRESENTATIONS                                                       | MAY/2004    |

- (a)(1) The North American Industry Classification System (NAICS) code for this acquisition is 332992.
- (2) The small business size standard is 1000 employees.
- (3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.
- (b) Representations.
- (1) The offeror represents as part of its offer that it \_\_\_is, \_\_\_is not a small business concern.
- (2) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents, for general statistical purposes, that it \_\_\_is, \_\_\_is not a small disadvantaged business concern as defined in 13 CFR 124.1002.
- (3) (Complete only if offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents as part of its offer that it \_\_\_is, \_\_\_is not a women-owned small business concern.
- (4) (Complete only if offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents as part of its offer that it is, \_\_\_\_\_ is not \_\_\_\_\_ a veteran-owned small business concern.
- (5) (Complete only if offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents as part of its offer that it is, \_\_\_\_\_ is not \_\_\_\_\_ a service-disabled veteran-owned small business concern.
- (6) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents, as part of its offer, that-
- (i) It ( ) is, ( ) is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR part 126; and
- (ii) It ( ) is, ( ) is not a joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (b)(6)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. [The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture: \_\_\_\_\_.] Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

- (c) Definitions. As used in this provision-
- "Service-disabled veteran-owned small business concern"-

- (1) Means a small business concern-
- (i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and
- (ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in

|                                  |                                                                                                                      |                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------|
| <p><b>CONTINUATION SHEET</b></p> | <p><b>Reference No. of Document Being Continued</b></p> <p><b>PIIN/SIIN</b> W52P1J-05-R-0010      <b>MOD/AMD</b></p> | <p><b>Page 79 of 103</b></p> |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------|

**Name of Offeror or Contractor:**

the case of a service-disabled veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern" means a concern, including its affiliates that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and the size standard in paragraph (a) of this provision.

"Veteran-owned small business concern" means a small business concern-

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern" means a small business concern-

(1) That is at least 51 percent owned by one or more women; or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

(d) Notice.

(1) If this solicitation is for supplies and has been set aside, in whole or in part, for small business concerns, then the clause in this solicitation providing notice of the set-aside contains restrictions on the source of the end items to be furnished.

(2) Under 15 U.S.C. 645(d), any person who misrepresents a firm's status as a small HUBZone small, small disadvantaged, or women-owned small business concern in order to obtain a contract to be awarded under the preference programs established pursuant to section 8(a), 8(d), or 15 of the Small Business Act or any other provision of Federal law that specifically references section 8(d) for a definition of program eligibility, shall0

(i) Be punished by imposition of fine, imprisonment, or both;

(ii) Be subject to administrative remedies, including suspension and debarment; and

(iii) Be ineligible for participation in programs conducted under the authority of the Act.

(End of provision)

(KF6003)

K-5      52.219-1      SMALL BUSINESS PROGRAM REPRESENTATIONS (MAY 2004) - ALTERNATE I      APR/2002

(7) [Complete if offeror represented itself as disadvantaged in paragraph (b)(2) of this provision.] The offeror shall check the category in which its ownership falls:

\_\_\_\_\_ Black American

\_\_\_\_\_ Hispanic American

\_\_\_\_\_ Native American (American Indians, Eskimos, Aleuts, or Native Hawaiians).

\_\_\_\_\_ Asian-Pacific American (persons with origins from Burma, Thailand, Malaysia, Indonesia, Singapore, Brunei, Japan, China, Taiwan, Laos, Cambodia (Kampuchea), Vietnam, Korea, The Philippines, U.S. Trust Territory of the Pacific Islands (Republic of Palau), Republic of the Marshall Islands, Federated States of Micronesia, the Commonwealth of the Northern Mariana Islands, Guam, Samoa, Macao, Hong Kong, Fiji, Tonga, Kiribati, Tuvalu, or Nauru).

\_\_\_\_\_ Subcontinent Asian (Asian-Indian) American (persons with origins from India, Pakistan, Bangladesh, Sri Lank, Bhutan, the Maldives Islands, or Nepal).

\_\_\_\_\_ Individual/concern, other than one of the preceding.

(KF6004)

K-6      52.203-2      CERTIFICATE OF INDEPENDENT PRICE DETERMINATION      APR/1985

(a) The offeror certifies that-

|                           |                                                                                                      |                       |
|---------------------------|------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 80 of 103</b> |
|---------------------------|------------------------------------------------------------------------------------------------------|-----------------------|

**Name of Offeror or Contractor:**

(1) The prices in this offer have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any other offeror or competitor relating to-

- (i) Those prices;
- (ii) The intention to submit an offer; or
- (iii) The methods or factors used to calculate the prices offered.

(2) The prices in this offer have not been and will not be knowingly disclosed by the offeror, directly or indirectly, to any other offeror or competitor before bid opening (in the case of a sealed bid solicitation) or contract award (in the case of a negotiated solicitation) unless otherwise required by law; and

(3) No attempt has been made or will be made by the offeror to induce any other concern to submit or not to submit an offer for the purpose of restricting competition.

(b) Each signature on the offer is considered to be a certification by the signatory that the signatory-

(1) Is the person in the offeror's organization responsible for determining the prices being offered in this bid or proposal, and that the signatory has not participated and will not participate in any action contrary to paragraphs (a)(1) through (a)(3) of this provision; or

(2) (i) Has been authorized, in writing, to act as agent for the following principals in certifying that those principals have not participated, and will not participate in any action contrary to paragraphs (a)(1) through (a)(3) of this provision \_\_\_\_\_ [insert full name of person(s) in the offeror's organization responsible for determining the prices offered in this bid or proposal, and the title of his or her position in the offeror's organization];

(ii) As an authorized agent, does certify that the principals named in subdivision (b)(2)(i) of this provision have not participated, and will not participate, in any action contrary to paragraphs (a)(1) through (a)(3) of this provision; and

(iii) As an agent, has not personally participated, and will not participate, in any action contrary to paragraphs (a)(1) through (a)(3) of this provision.

(c) If the offeror deletes or modifies paragraph (a)(2) of this provision, the offeror must furnish with its offer a signed statement setting forth in detail the circumstances of the disclosure.

(End of provision)

(KF7005)

K-7                      52.204-5                      WOMEN-OWNED BUSINESS (OTHER THAN SMALL BUSINESS)                      MAY/1999

(a) Definition. "Women-owned business concern," as used in this provision, means a concern that is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of its stock is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

(b) Representation. [Complete only if the offeror is a women-owned business concern and has not represented itself as a small business concern in paragraph (b)(1) of FAR 52.219-1, Small Business Program Representations, of this solicitation.] The offeror represents that it o is a women-owned business concern.

(End of provision)

(KF7022)

K-8                      52.207-4                      ECONOMIC PURCHASE QUANTITY-SUPPLIES                      MAY/2004

(a) Offerors are invited to state an opinion on whether the quantity(ies) of supplies on which bids, proposals or quotes are requested in this solicitation is (are) economically advantageous to the Government.



|                                       |                                                                                                          |                       |
|---------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b>             | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 81 of 103</b> |
| <b>Name of Offeror or Contractor:</b> |                                                                                                          |                       |

(b) Each offeror who believes that acquisitions in different quantities would be more advantageous is invited to recommend an economic purchase quantity. If different quantities are recommended, a total and a unit price must be quoted for applicable items. An economic purchase quantity is that quantity at which a significant price break occurs. If there are significant price breaks at different quantity points, this information is desired as well.

OFFEROR RECOMMENDATIONS

| <u>ITEM</u> | <u>QUANTITY</u> | <u>PRICE<br/>QUOTATION</u> | <u>TOTAL</u> |
|-------------|-----------------|----------------------------|--------------|
| _____       | _____           | _____                      | _____        |
| _____       | _____           | _____                      | _____        |

(c) The information requested in this provision is being solicited to avoid acquisitions in disadvantageous quantities and to assist the Government in developing a data base for future acquisitions of these items. However, the Government reserves the right to amend or cancel the solicitation and re-solicit with respect to any individual item in the event quotations received and the Government's requirements indicate that different quantities should be acquired.

(End of provision)

(KF7003)

K-9                    52.209-5                    CERTIFICATION REGARDING DEBARMENT, SUSPENSION, PROPOSED DEBARMENT,                    DEC/2001  
AND OTHER RESPONSIBILITY MATTERS

(a)(1) The Offeror certifies, to the best of its knowledge and belief, that-

(i) The Offeror and/or any of its Principals-

(A) Are o are not o presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;

(B) Have o have not o, within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state, or local) contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property; and

(C) Are o are not o presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in paragraph (a)(1)(i)(B) of this provision.

(ii) The Offeror has o has not o, within a three-year period preceding this offer, had one or more contracts terminated for default by any Federal agency.

(2) "Principals," for the purposes of this certification, means officers; directors; owners; partners; and, persons having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a subsidiary, division, or business segment, and similar positions).  
This Certification Concerns a Matter Within the Jurisdiction of an Agency of the United States and the Making of a False, Fictitious, or Fraudulent Certification May Render the Maker Subject to Prosecution Under Section 1001, Title 18, United States Code.

(b) The Offeror shall provide immediate written notice to the Contracting Officer if, at any time prior to contract award, the Offeror learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

(c) A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with a determination of the Offeror's responsibility. Failure of the Offeror to furnish a certification or provide such additional information as requested by the Contracting Officer may render the Offeror non-responsible.

|                                       |                                                                                                          |                       |
|---------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b>             | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 82 of 103</b> |
| <b>Name of Offeror or Contractor:</b> |                                                                                                          |                       |

(d) Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an Offeror is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

(e) The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror knowingly rendered an erroneous certification, in addition to other remedies available to the Government, the Contracting Officer may terminate the contract resulting from this solicitation for default.

(End of provision)

(KF7033)

K-10                      52.215-6                      PLACE OF PERFORMANCE                      OCT/1997

(a) The offeror or respondent, in the performance of any contract resulting from this solicitation, o intends, o does not intend [check applicable block] to use one or more plants or facilities located at a different address from the address of the offeror or respondent as indicated in this proposal or response to request for information.

(b) If the offeror or respondent checks "intends" in paragraph (a) of this provision, it shall insert in the following spaces the required information:

|                                                                           |                                                                                                              |
|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| PLACE OF PERFORMANCE<br>(STREET ADDRESS, CITY<br>STATE, COUNTY, ZIP-CODE) | NAME AND ADDRESS OF OWNER<br>AND OPERATOR OF THE PLANT<br>OR FACILITY IF OTHER THAN<br>OFFEROR OR RESPONDENT |
|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|

(End of provision)

(KF7035)

K-11                      52.215-7                      ANNUAL REPRESENTATIONS AND CERTIFICATIONS-NEGOTIATION                      OCT/1997

The offeror has [check the appropriate block]:

[ ] (a) Submitted to the contracting office issuing this solicitation, annual representations and certifications dated \_\_\_\_\_ [insert date of signature on submission] that are incorporated herein by reference, and are current, accurate, and complete as of the date of this proposal, except as follows [insert changes that affect only this proposal; if "none," so state]:

[ ] (b) Enclosed its annual representations and certifications.

(End of provision)

(KF7037)

K-12                      52.219-22                      SMALL DISADVANTAGED BUSINESS STATUS                      OCT/1999

(a) General. This provision is used to assess an offeror's small disadvantaged business status for the purpose of obtaining a benefit on this solicitation. Status as a small business and status as a small disadvantaged business for general statistical purposes is covered by the provision at FAR 52.219-1, Small Business Program Representation.

(b) Representations.

(1) General. The offeror represents, as part of its offer, that it is a small business under the size standard applicable to this acquisition; and either-

[ ] (i) It has received certification by the Small Business Administration as a small disadvantaged business concern

|                    |                                                                                 |                |
|--------------------|---------------------------------------------------------------------------------|----------------|
| CONTINUATION SHEET | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 83 of 103 |
|--------------------|---------------------------------------------------------------------------------|----------------|

Name of Offeror or Contractor:

consistent with 13 CFR 124, Subpart B; and

(A) No material change in disadvantaged ownership and control has occurred since its certification;  
 (B) Where the concern is owned by one or more disadvantaged individuals, the net worth of each individual upon whom the certification is based does not exceed \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); and

(C) It is identified, on the date of its representation, as a certified small disadvantaged business concern in the database maintained by the Small Business Administration (PRO-Net); or

[ ] (ii) It has submitted a completed application to the Small Business Administration or a Private Certifier to be certified as a small disadvantaged business concern in accordance with 13 CFR 124, Subpart B, and a decision on that application is pending, and that no material change in disadvantaged ownership and control has occurred since its application was submitted.

(2) o For Joint Ventures. The offeror represents, as part of its offer, that it is a joint venture that complies with the requirements at 13 CFR 124.1002(f) and that the representation in paragraph (b)(1) of this provision is accurate for the small disadvantaged business concern that is participating in the joint venture. [The offeror shall enter the name of the small disadvantaged business concern that is participating in the joint venture:\_\_\_\_\_.]

(c) Penalties and Remedies. Anyone who misrepresents any aspects of the disadvantaged status of a concern for the purposes of securing a contract or subcontract shall-

- (1) Be punished by imposition of a fine, imprisonment, or both;
- (2) Be subject to administrative remedies, including suspension and debarment; and
- (3) Be ineligible for participation in programs conducted under the authority of the Small Business Act.

(End of provision)

(KF7051)

K-13                    52.222-22                    PREVIOUS CONTRACTS AND COMPLIANCE REPORTS                    FEB/1999

The offeror represents that -

(a) It (    ) has, (    ) has not participated in a previous contract or subcontract subject either to the Equal Opportunity clause of this solicitation;

(b) It (    ) has, (    ) has not, filed all required compliance reports; and

(c) Representations indicating submission of required compliance reports, signed by subcontractors, will be obtained before subcontract awards.

(End of provision)

(KF7019)

K-14                    52.222-25                    AFFIRMATIVE ACTION COMPLIANCE                    APR/1984

The offeror represents that

(a) it

- (    ) has developed and has on file,
- (    ) has not developed and does not have on file,

at each establishment, affirmative action programs required by the rules and regulations of the Secretary of Labor (41 CFR 60-1 and 60-2), or

(b) it

(    ) has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

|                                       |                                                                                                         |                       |
|---------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b>             | <b>Reference No. of Document Being Continued</b><br><b>PIIN/SIIN</b> W52P1J-05-R-0010<br><b>MOD/AMD</b> | <b>Page 84 of 103</b> |
| <b>Name of Offeror or Contractor:</b> |                                                                                                         |                       |

(End of provision)

(KF7020)

K-15                      52.223-13                      CERTIFICATION OF TOXIC CHEMICAL RELEASE REPORTING                      AUG/2003

(a) Executive Order 13148, of April 21, 2000, Greening the Government through Leadership in Environmental Management, requires submission of this certification as a prerequisite for contract award.

(b) By signing this offer, the offeror certifies that-

(1) As the owner or operator of facilities that will be used in the performance of this contract that are subject to the filing and reporting requirements described in section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) (42 U.S.C. 11023) and section 6607 of the Pollution Prevention Act of 1990 (PPA) (42 U.S.C. 13106), the offeror will file and continue to file for such facilities for the life of the contract the Toxic Chemical Release Inventory Form (Form R) as described in sections 313(a) and (g) of EPCRA and section 6607 of PPA; or

(2) None of its owned or operated facilities to be used in the performance of this contract is subject to the Form R filing and reporting requirements because each such facility is exempt for at least one of the following reasons: [Check each block that is applicable.]

- [ ] (i) The facility does not manufacture, process, or otherwise use any toxic chemicals listed in 40 CFR 372.65;
- [ ] (ii) The facility does not have 10 or more full-time employees as specified in section 313(b)(1)(A) of EPCRA, 42 U.S.C. 11023(b)(1)(A);
- [ ] (iii) The facility does not meet the reporting thresholds of toxic chemicals established under section 313(f) of EPCRA, 42 U.S.C. 11023(f) (including the alternate thresholds at 40 CFR 372.27, provided an appropriate certification form has been filed with EPA);
- [ ] (iv) The facility does not fall within the following Standard Industrial Classification (SIC) codes or their corresponding North American Industry Classification System sectors:
- (A) Major group code 10 (except 1011, 1081, and 1094.
- (B) Major group code 12 (except 1241).
- (C) Major group codes 20 through 39.
- (D) Industry code 4911, 4931, or 4939 (limited to facilities that combust coal and/or oil for the purpose of generating power for distribution in commerce).
- (E) Industry code 4953 (limited to facilities regulated under the Resource Conservation and Recovery Act, Subtitle C (42 U.S.C. 6921, et seq.), or 5169, or 5171, or 7389 (limited to facilities primarily engaged in solvent recovery services on a contract or fee basis); or
- [ ] (v) The facility is not located in the United States or its outlying areas..

(End of provision)

(KF7058)

K-16                      52.225-2                      BUY AMERICAN ACT CERTIFICATE                      JUN/2003

(a) The offeror certifies that each end product, except those listed in paragraph (b) of this provision, is a domestic end product and that the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The offeror shall list as foreign end products those end products manufactured in the United States that do not qualify as domestic end products. The terms "component," "domestic end product," "end product," "foreign end product," and "United States" are defined in the clause of this solicitation entitled "Buy American Act-Supplies."

(b) Foreign End Products:

| Line Item No. | Country of Origin |
|---------------|-------------------|
| _____         | _____             |
| _____         | _____             |
| _____         | _____             |

[List as necessary]

Name of Offeror or Contractor:

(c) The Government will evaluate offers in accordance with the policies and procedures of Part 25 of the Federal Acquisition Regulation.

(End of provision)

(KF7031)

|      |              |                                                          |          |
|------|--------------|----------------------------------------------------------|----------|
| K-17 | 252.225-7000 | BUY AMERICAN ACT-BALANCE OF PAYMENTS PROGRAM CERTIFICATE | APR/2003 |
|      | DFARS        |                                                          |          |

(a) Definitions. Domestic end product, foreign end product, qualifying country, and qualifying country end product have the meanings given in the Buy American Act and Balance of Payments Program clause of this solicitation.

(b) Evaluation. The Government

(1) Will evaluate offers in accordance with the policies and procedures of Part 225 of the Defense Federal Acquisition Regulation Supplement; and

(2) Will evaluate offers of qualifying country end products without regard to the restrictions of the Buy American Act or the Balance of Payments Program.

(c) Certifications and identification of country of origin.

(1) For all line items subject to the Buy American Act and Balance of Payments Program clause of this solicitation, the offeror certifies that

(i) Each end product, except those listed in paragraphs (c)(2) or (3) of this provision, is a domestic end product; and

(ii) Components of unknown origin are considered to have been mined, produced, or manufactured outside the United States or a qualifying country.

(2) The offeror certifies that the following end products are qualifying country end products:

| Line Item Number | Country of Origin |
|------------------|-------------------|
|                  |                   |
|                  |                   |
|                  |                   |
|                  |                   |

(3) The following end products are other foreign end products:

| Line Item Number | Country of Origin (If known) |
|------------------|------------------------------|
|                  |                              |
|                  |                              |
|                  |                              |
|                  |                              |

(End of provision)

(KA7702)

|      |              |                                                   |          |
|------|--------------|---------------------------------------------------|----------|
| K-18 | 252.247-7022 | REPRESENTATION OF EXTENT OF TRANSPORTATION BY SEA | AUG/1992 |
|      | DFARS        |                                                   |          |

|                           |                                                                                                          |                       |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 86 of 103</b> |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|

**Name of Offeror or Contractor:**

(a) The Offeror shall indicate by checking the appropriate blank in paragraph (b) of this provision whether transportation of supplies by sea is anticipated under the resultant contract. The term supplies is defined in the Transportation of Supplies by Sea clause of this solicitation.

(b) Representation. The Offeror represents that it

\_\_\_\_\_ Does anticipate that supplies will be transported by sea in the performance of any contract or subcontract resulting from this solicitation.

\_\_\_\_\_ Does not anticipate that supplies will be transported by sea in the performance of any contract or subcontract resulting from this solicitation.

(c) Any contract resulting from this solicitation will include the Transportation of Supplies by Sea clause. If the Offeror represents that it will not use ocean transportation, the resulting contract will also include the Defense FAR Supplement clause at 252.247-7024, Notification of Transportation of Supplies by Sea.

(End of provision)

(KA7500)

| CONTINUATION SHEET | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 87 of 103 |
|--------------------|---------------------------------------------------------------------------------|----------------|
|--------------------|---------------------------------------------------------------------------------|----------------|

Name of Offeror or Contractor:

SECTION L - INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS

For Local Clauses See: <http://www.afsc.army.mil/ac/aais/ioc/clauses/index.htm>

The following Federal Acquisition Regulation (FAR), DoD FAR Supplement clauses and provisions, the full text of which will be made available upon request, are incorporated herein by reference with the same force and effect as if set forth in full text.

The text of the clauses incorporated by reference herein are available from the contract specialist indicated in block 7 of the Standard Form 33 or (as applicable) the contracting officer and will be furnished upon request. Other documents are available as indicated in the schedule.

Any company/individual wishing to purchase a copy of the Federal Acquisition Regulation (FAR), the Army FAR Supplement or the DOD FAR Supplement, may do so from the Superintendent of Documents, US Government Printing Office, Washington DC 20402.

(LA7001)

|      | Regulatory Cite       | Title                                                                                                                                                                                                           | Date     |
|------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| L-1  | 52.211-2              | AVAILABILITY OF SPECIFICATIONS LISTED IN THE DOD INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) AND DESCRIPTIONS LISTED IN THE ACQUISITION MANAGEMENT SYSTEMS AND DATA REQUIREMENTS CONTROL LIST, DOD 5010.12-L | DEC/2003 |
| L-2  | 52.214-34             | SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE                                                                                                                                                                    | APR/1991 |
| L-3  | 52.214-35             | SUBMISSION OF OFFERS IN U.S. CURRENCY                                                                                                                                                                           | APR/1991 |
| L-4  | 52.215-1              | INSTRUCTIONS TO OFFERORS-COMPETITIVE ACQUISITIONS                                                                                                                                                               | JAN/2004 |
| L-5  | 52.215-1              | INSTRUCTIONS TO OFFERORS-COMPETITIVE ACQUISITIONS (JAN 2004) - ALTERNATE I                                                                                                                                      | OCT/1997 |
| L-6  | 52.219-24             | SMALL DISADVANTAGED BUSINESS PARTICIPATION PROGRAM-TARGETS                                                                                                                                                      | OCT/2000 |
| L-7  | 52.222-24             | PREAWARD ON-SITE EQUAL OPPORTUNITY COMPLIANCE EVALUATION                                                                                                                                                        | FEB/1999 |
| L-8  | 52.222-38             | COMPLIANCE WITH VETERANS' EMPLOYMENT REPORTING REQUIREMENTS                                                                                                                                                     | DEC/2001 |
| L-9  | 52.232-13             | NOTICE OF PROGRESS PAYMENTS                                                                                                                                                                                     | APR/1984 |
| L-10 | 252.225-7003          | REPORT OF INTENDED PERFORMANCE OUTSIDE THE UNITED STATES                                                                                                                                                        | APR/2003 |
| L-11 | 252.225-7031          | SECONDARY ARAB BOYCOTT OF ISRAEL                                                                                                                                                                                | APR/2003 |
| L-12 | 252.225-7032          | WAIVER OF UNITED KINGDOM LEVIES-EVALUATION OF OFFERS                                                                                                                                                            | APR/2003 |
| L-13 | DFARS<br>252.225-7042 | AUTHORIZATION TO PERFORM                                                                                                                                                                                        | APR/2003 |
| L-14 | 52.211-14             | NOTICE OF PRIORITY RATING FOR NATIONAL DEFENSE USE                                                                                                                                                              | SEP/1990 |

Any contract awarded as a result of this solicitation will be a DO rated order certified for national defense use under the Defense Priorities and Allocations System (DPAS)(15 CFR 700), and the Contractor will be required to follow all of the requirements of this regulation.

(End of provision)

(LF6019)

|      |          |                  |          |
|------|----------|------------------|----------|
| L-15 | 52.216-1 | TYPE OF CONTRACT | APR/1984 |
|------|----------|------------------|----------|

The Government contemplates the award of a Basic Ordering Agreement (BOA) contract under which Firm-Fixed Price Delivery Orders will be issued.

(End of provision)

(LF6008)

|      |          |                    |          |
|------|----------|--------------------|----------|
| L-16 | 52.233-2 | SERVICE OF PROTEST | AUG/1996 |
|------|----------|--------------------|----------|

(a) Protests, as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the General Accounting Office (GAO) , shall be served on the Contracting Officer (addressed

| CONTINUATION SHEET | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 88 of 103 |
|--------------------|---------------------------------------------------------------------------------|----------------|
|--------------------|---------------------------------------------------------------------------------|----------------|

Name of Offeror or Contractor:

as follows) by obtaining written and dated acknowledgment of receipt from

Susan McKinnis  
 Procuring Contracting Officer  
 U.S. Army Field Support Command  
 Attn: AMSFS-CCA-F  
 1 Rock Island Arsenal  
 Rock Island, IL 61299-6500

(b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

(End of provision)

(LF6021)

|      |                       |                                                                                                                                                                                 |          |
|------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| L-17 | 252.211-7001<br>DFARS | AVAILABILITY OF SPECIFICATIONS AND STANDARDS NOT LISTED IN DODISS,<br>DATA ITEM DESCRIPTIONS NOT LISTED IN DOD 5010.12-L, AND PLANS,<br>DRAWINGS, AND OTHER PERTINENT DOCUMENTS | DEC/1991 |
|------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|

Offerors may obtain the specifications, standards, plans, drawings, data item descriptions, and other pertinent documents cited in this solicitation by submitting a request to:

U.S. Army RDECOM-ARDEC  
 Standarization Office, Bldg. 12  
 Attn: AMSRD-AAR-AIS-SS (Mark Napolitano)  
 Picatinny, NJ 07806-5000

Phone (973) 724-3615

Include the number of the solicitation and the title and number of the specification, standard, plan, drawing, or other pertinent document.

(End of provision)

(LA6700)

|      |                    |            |          |
|------|--------------------|------------|----------|
| L-18 | 52.211-4510<br>AMC | PARTNERING | AUG/2001 |
|------|--------------------|------------|----------|

\*\*\*The principal government representative for this effort will be:

Susan McKinnis  
 Procuring Contracting Officer  
 HQ, Army Field Support Command  
 AMSFS-CCA-F  
 1 Rock Island Arsenal  
 Rock Island, IL 61299-6500

Phone: (309)782-7345  
 Email: susan.mckinnis@us.army.mil

(End of Provision)

(LM6100)

|      |                      |                                                 |          |
|------|----------------------|-------------------------------------------------|----------|
| L-19 | 52.211-4501<br>LOCAL | SINGLE PROCESSING INITIATIVES SAVINGS PROVISION | AUG/1999 |
|------|----------------------|-------------------------------------------------|----------|

\*\*\*

(LS6040)



| CONTINUATION SHEET             | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 89 of 103 |
|--------------------------------|---------------------------------------------------------------------------------|----------------|
| Name of Offeror or Contractor: |                                                                                 |                |

L-2052.252-5AUTHORIZED DEVIATIONS IN PROVISIONSAPR/1984

(a) The use in this solicitation of any Federal Acquisition Regulation (48 CFR Chapter 1) provision with an authorized deviation is indicated by the addition of ''(DEVIATION)'' after the date of the clause.

(b) The use in this solicitation of any DOD FAR SUPPLEMENT (48 CFR Chapter 2) provision with an authorized deviation is indicated by the addition of ''(DEVIATION)'' after the name of the regulation.

(End of provision)

(LF7015)

L-2147.304-1(B)F.O.B. POINT (RFPS)SEP/1995

Offers are requested to be submitted on an F.O.B. basis as set forth in Section B and/or F.

(End of Provision)

(LF7007)

L-229.306(C)WAIVER OF FIRST ARTICLE APPROVALSEP/1995

\*\*\*

In the event that an offeror cannot furnish the required information, his offer Without First Article Approval will (may, in negotiated procurements) not be considered for award.

IDENTICAL OR SIMILAR ITEMS FURNISHED ON:

Contract Nos. \_\_\_\_\_

DATES \_\_\_\_\_

(End of Provision)

(LF7009)

L-2315.403-5(A)COST DATA BREAKDOWNOCT/1997

\*\*\*

(End of Provision)

(LF7012)

L-24AMCAMC-LEVEL PROTEST PROGRAMDEC/2000

If you have complaints about this procurement, it is preferable that you first attempt to resolve those concerns with the responsible contracting officer. However, you can also protest to Headquarters, AMC. The HQ, AMC-Level Protest Program is intended to encourage interested parties to seek resolution of their concerns within AMC as an Alternative Dispute Resolution forum, rather than filing a protest with the General Accounting Office (GAO) or other external forum. Contract award or performance is suspended during the protest to the same extent, and within the same time periods, as if filed at the GAO. The AMC protest decision goal is to resolve protests within 20 working days from filing. To be timely, protests must be filed within the periods specified in FAR 33.103. Send protests (other than protests to the contracting officer) to:

HQ Army Materiel Command  
Office of Command Counsel ATTN: AMCCC-PL  
5001 Eisenhower Avenue  
Alexandria, VA 22333-0001

Facsimile number (703) 617-4999/5680

| CONTINUATION SHEET             | Reference No. of Document Being Continued<br>PIIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 90 of 103 |
|--------------------------------|---------------------------------------------------------------------------------|----------------|
| Name of Offeror or Contractor: |                                                                                 |                |

Voice Number (703) 617-8176

The AMC-level protest procedures are found at:  
<http://amc.army.mil/amc/cc/protest.html>

If Internet access is not available contact the contracting officer or HQ, AMC to obtain the AMC-level Protest Procedures.

(End of provision)

(LM7010)

|      |             |                         |          |
|------|-------------|-------------------------|----------|
| L-25 | 52.212-4501 | ELECTRONIC AWARD NOTICE | APR/2001 |
|      | LOCAL       |                         |          |

1. Any contract awarded as a result of this solicitation will be posted to the Electronic Document Access (EDA) system website, <http://eda.ogden.disa.mil/>, and paper copies will not be distributed. This is a material condition of the solicitation and by submission of a bid or proposal, the vendor agrees to accept an electronic award transmitted in the manner described above. In order to obtain an electronic copy of the award, you must be registered in the EDA system. Guidance/instructions for registration can be obtained at the above website.

2. Notice of award to the contractor receiving the award will be issued only via electronic mail. Vendors who wish to be notified if they receive an award as a result of this solicitation must provide their electronic mail address in the space provided below. If the vendor fails to provide an electronic mail address, then a separate notice of award will not be provided and it shall be the sole responsibility of the vendor to periodically check the Federal Business Opportunities (FedBizOpps) - FBO Synopsis/Award Search website <http://www.fedbizopps.gov/> or the Army Single Face to industry (ASFI)/Procurement Notifications website <http://acquisition.army.mil> to determine if he/she has received an award. In this event, the vendor's failure to check FEDBIZOPPS or the ASFI in a timely manner shall not be an excuse for failure to perform or grounds for a delivery schedule extension.

3. Notice of award to unsuccessful offerors shall be issued only via electronic mail from the Contracting Office or via the FedBizOpps/Vendor Notification feature. Vendors who wish to receive an electronic mail notice if they are unsuccessful must provide an electronic mail address in the space provided below. If the vendor fails to provide an electronic mail address, then a separate notice will not be provided, and it shall be the sole responsibility of the vendor to periodically check the ASFI/Procurement Notifications or the FedBizOpps/Award Notification to determine if an award has been made. In this event, the vendor's failure to check these sites to determine if an award has been made shall not constitute grounds for an extension of any protest period allowed by regulation.

VENDOR'S ELECTRONIC MAIL (EMAIL) ADDRESS:

(End of provision)

(LS7100)

|      |                |                                           |          |
|------|----------------|-------------------------------------------|----------|
| L-26 | 52.214-7 LOCAL | HAND-DELIVERED BIDS, QUOTES, OR PROPOSALS | AUG/2004 |
|------|----------------|-------------------------------------------|----------|

Effective 09 August 2004, should you elect to hand-deliver your bid, quote, or proposal, you must enter Rock Island Arsenal via the Moline entrance gate, and proceed to the Visitor Control Center (Building 23) to obtain a security badge/registration. The Visitor Control Center hours of operation are from 6:00 a.m. until 3:30 p.m. CT. Upon arrival, ask the Visitor Control Center attendant to contact the AFSC Bid, Quote and Proposal Receiving Area, (309)782-7245/5053. If there is no answer on either of these extensions, the attendant should call (309)782-6895 to reach an alternate point of contact. If you use a delivery service it is your responsibility to ensure they are provided these instructions.

For deliveries made after 3:30 p.m. CT, the carrier must ask the Police Officer at the Moline entrance gate to call the AFSC Proposal Receiving Area or alternate number provided in the preceding paragraph so a visitor decal can be issued to enter the Arsenal. The carrier must then proceed to Police Headquarters, Building 225, to obtain a badge, as one cannot be issued out at the gate after 3:30 p.m. CT.

Delivery is to be made to Building 350, 5th Floor, North Bay between Poles E3 and E4, "Bid, Quote, and Proposal Receiving Area", (309)782-7245/5053.

Packages must be delivered between the hours of 8:00 a.m. and 4:00 p.m. CT, Monday through Friday. No packages will be accepted on Federal Holidays.

| CONTINUATION SHEET             | Reference No. of Document Being Continued<br>PIN/SIIN W52P1J-05-R-0010 MOD/AMD | Page 91 of 103 |
|--------------------------------|--------------------------------------------------------------------------------|----------------|
| Name of Offeror or Contractor: |                                                                                |                |

In the event this solicitation is an Invitation for Bids, reference FAR 52.214-7, "Late Submissions, Modifications, and Withdrawal of Bids" (Nov 1999). Conversely, if this solicitation is either a Request for Quotations or Request for Proposals, reference FAR 52.215-1, "Instructions to Offerors - Competitive Acquisitions."

(End of provision)

(LS7003)

|      |             |                            |          |
|------|-------------|----------------------------|----------|
| L-27 | 52.215-4501 | ARSENALS AS SUBCONTRACTORS | JUN/2000 |
|      | LOCAL       |                            |          |

This solicitation is open to competition between Department of Defense activities and private firms. Under the authority of 10 U.S.C. 2208(j), applicable working capital funded facilities are available as potential subcontractors.

(End of provision)

(LS7020)

|      |             |                              |          |
|------|-------------|------------------------------|----------|
| L-28 | 52.222-1100 | 10 U.S.C. 4543 PILOT PROGRAM | FEB/2003 |
|      | LOCAL       |                              |          |

Congressional language in Section 141 of the 1998 Defense Authorization Act (10 U.S.C. 4543 Pilot Program) allows "not more than three Army Industrial facilities" to sell manufactured articles and services in support of DoD weapons systems without regard to availability from domestic sources. The three Army industrial facilities in this program are McAlester Army Ammunition Plant, McAlester, OK; Rock Island Arsenal, Rock Island, IL; and Watervliet Arsenal, Watervliet, NY.

These facilities cannot submit offers as the prime contractor on this solicitation, but in accordance with the above-described pilot program can act as a subcontractor to potential prime contractors when the statutory requirements (10 U.S.C. 4543) are met.

If you are interested in obtaining information about their capabilities, please contact the following:

McAlester Army Ammunition Plant  
Mr. Paul McDaniel, Attn: JMCMC-MO  
McAlester, Oklahoma 74501-9002  
(918) 420-6452  
mcdanpd@mcalestr-emh3.army.mil

Rock Island Arsenal  
Mr. William Peiffer, Attn: SOSRI-AP  
Rock Island, Illinois 61299-5000  
(309) 782-5178/4479  
peifferw@ria.army.mil

Watervliet Arsenal  
Mr. Ed McCarthy, Attn: AMSTA-WV-ODP  
Watervliet, New York 12189-4050  
(518) 266-5052  
emccarthy@wva.army.mil

(End of clause)

(LS7010)

|      |              |                           |          |
|------|--------------|---------------------------|----------|
| L-29 | 15.503 LOCAL | DISCLOSURE OF UNIT PRICES | FEB/2004 |
|------|--------------|---------------------------|----------|

Unless the offeror notifies the contracting officer, prior to submission of its initial proposal, of an objection to disclosure of its unit price, it is the Government's intent to publicly release (which would include, but is not limited to, a public award synopsis, contractor debrief, procurement history web posting, or Freedom of Information Act (FOIA) request) the unit price(s) stated in the contract awarded under this solicitation. Any objection must be submitted in writing, providing a detailed explanation of how release of the awarded unit price would result in a substantial competitive harm to the contractor. Objections will be reviewed to determine

|                           |                                                                                                          |                       |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 92 of 103</b> |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|

**Name of Offeror or Contractor:**

whether harm has been substantiated. Failure to timely notify the contracting officer waives any objection to disclosure of the unit price. A "unit price" is defined as the specified amount to be paid by the Government for the goods or services stated per unit, contract line item, or separately identified contract deliverable. The term "unit price" does not include any information on how the unit price was determined. This constitutes notification pursuant to Executive Order 12600.

(End of provision)

(LS7001)

**L-30 CONTRACT PROPOSAL SUBMISSION REQUIREMENTS**

Offerors must submit the following information for evaluation in conjunction with this solicitation:

- o One (1) executed and completed copy of the solicitation, to include all requisite representations/certifications and other information to be provided by the offeror;
- o Management/Technical volume (total of five (5) copies)
- o Price volume (total of five copies (5) copies); and two (2) single write CD ROMS that are compatible with Micro Soft Windows 1998;
- o Past Performance Volume (total of five (5) copies)
- o Small Business Utilization Plan (total of three (3) copies)
- o Financial Responsibility Information (three (3) copies). Financial responsibility information shall be included as part of the cost/price volumes single-write CD ROM; and
- o A CD ROM or 100MB Zip disk that is compatible with Micro Soft Windows Office 1998 and that contains the offerors complete proposal in electronic format.

The complete proposal, including all copies of the Technical/Management volume, Price volume, Past Performance volume, Small Business Utilization Plan and Financial Responsibility information, along with an executed copy of the solicitation shall be forwarded to the following address:

HQ US Army Field Support Command  
Direct Fire Munitions Branch  
AMSFS-CCA-F/Ms. Susan McKinnis  
1 Rock Island Arsenal  
Rock Island, IL 61299-6500

Preparation instructions for the Technical/Management volume, Price volume, Past Performance volume, Small Business Utilization Plan and Financial Responsibility information:

Format: The offerors Technical/Management volume, Price volume, Past Performance volume, Small Business Utilization Plan and Financial Responsibility information shall be submitted in severable parts. Information the offeror may want the Government to consider specific to each volume shall be confined to that volume. Offerors are cautioned that failure to include the requested information in the required volume may result in the information not being considered and the proposal being downgraded accordingly. Each volume shall be treated independently as follows:

- Volume I - Technical Management
- Volume II - Price
- Volume III - Past Performance
- Volume IV - Small Business Utilization
- Volume V - Financial Responsibility

Each volume shall be consistent with the complete submission. Offerors are cautioned that incorporation by reference is not authorized.

Inclusion of an eight (8) page Executive Summary of the offerors proposal is authorized. This summary shall not count against the page number limitation described below:

For Volume I (Technical/Management) only, the offerors submission shall be limited to 100 pages in total. Page size shall not exceed 8 x 11 inches with use of fold out pages authorized. Offerors are responsible for including sufficient detail to permit a complete and accurate evaluation of the proposal. The Government will not make any assumption(s) concerning the offerors intent, capabilities, experience, etc.

**TECHNICAL/MANAGEMENT**

The offeror shall include sufficient information to permit a complete and accurate evaluation from a technical standpoint. The offeror

|                           |                                                                                                          |                       |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 93 of 103</b> |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|

**Name of Offeror or Contractor:**

shall provide detailed narrative discussions that address each task of the Statement of Work (SOW) as described below.

1. Integrated Program/Supply Chain Management: The offeror shall submit an Integrated Program/Supply Chain Management plan that will describe how the offeror intends to arrange for the procurement and/or production, acceptance and delivery of up to 500 million cartridges per year of various small caliber ammunition designs and packing configurations. In addition, the offeror will provide an integrated master schedule and a complete Work Breakdown Structure for the proposed supplier base. The proposal should include the following:
  - a) The offeror shall submit an Integrated Program/Supply Chain Management Plan that they intend to use as a Second Source Prime Contractor. The plan should discuss:
    - (1) Experience with systems integration and their ability to manage multi-faceted sub-contractors/ vendors to fulfill the requirements of the contract and RFP.
    - (2) All significant program risks, and include appropriate risk mitigation efforts. Single point failure modes should also be considered.
    - (3) The offerors plans for the horizontal and vertical flow of information, data, and requirements between cognizant Government and contractor entities and facilities. The discussion should highlight plans to ensure that the above is shared in a timely and complete manner.
    - (4) The tasks, durations, dependencies and sequencing of all actions, resources and the integration needed for the offeror to comply with the requirements of this RFP and paragraph 3.4 of the SOW.
    - (5) The offerors proposed organizational structure and a summary of the qualifications and critical skills of key technical and management personnel necessary to accomplish this effort.
    - (6) Current Capacity/Capability (300M Rounds/Year).
      - (a) The integrated program/supply chain master plan shall identify all in-house production capabilities/capacities and all partners (subcontractors, vendors, etc.) to be utilized, including alternate vendors should the primary vendors and/or facilities experience difficulty.
      - (b) Should a capability not exist for one or more of the DODICs specified in paragraph 3.11 of the SOW, the offeror shall provide a detailed plan for obtaining the necessary capability and timelines to implement.
      - (c) The offeror shall provide evidence of an immediate capability and capacity to produce and deliver the 300million rounds specified in the nine (9) DODICs listed in paragraph 3.1 of the SOW.
      - (d) The offeror should clearly state if he/she is able to exceed the 300 Million round requirement upon contract award and should indicate which cartridge configurations that additional capacity exists and the amount of capacity that exists for each cartridge configuration.
      - (e) The offeror shall submit evidence indicating their proposed teams commitment to participate in this contract and to provide the U.S. Army with the required various small caliber ammunition designs and packing configurations.
      - (f) The offeror shall identify any immediate capability to deliver the remaining five (5) DODICs listed in paragraph 3.11 of the SOW.
    - (7) Capacity/Capability Expansion (300-500M Rounds/Year).
      - a) The integrated master plan and the integrated master schedule should also cover the potential for an increase up to 500 million rounds per year and should cover the following information as a minimum: how the offeror intends to ramp up, additional suppliers needed, facilitization required, necessary timelines and an integrated master plan for the management of their supplier base at all levels.
      - b) The integrated master schedule must contain all time phases of Integrated Program/Supply Chain. These phases at a minimum should include:
        - Prior to contract award: The process that the Offeror utilized to identify and evaluate their proposed vendor base.
        - At contract award: how the Offeror will flow down the requirements of the contract to their vendor base.
        - During contract performance: plans for ensuring product compliance, vendor monitoring (auditing/surveillance), continuous improvement, etc.
        - Post-contract: closeout actions.
      - c) The contractor should submit a detailed WBS for all levels of the supply chain for the delivery of the DODICs specified in

|                                       |                                                                                                          |                       |
|---------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b>             | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 94 of 103</b> |
| <b>Name of Offeror or Contractor:</b> |                                                                                                          |                       |

paragraph 3.11 of the SOW.

2. Configuration Management/Compliance to U.S. TDPs:

- a) The offeror shall submit evidence of their in-house and supplier/vendor prior experience with production/ configuration management to U.S. Technical Data Packages (TDPs) for munitions/packing configurations or similar production/configuration management experience and how this experience will be applied to the small caliber cartridges in the SOW paragraph 3.11.
- b) The offeror shall provide a description of how configuration management actions and requirements are communicated and flowed down to all in-house production and suppliers/vendors.
- c) To assure compliance with U.S. Technical Data Packages (TDPs), the offeror shall conduct a comparison between U.S. TDPs/Military Specifications versus the drawings/ specifications utilized in-house and/or by their supplier/ partner's manufacturing processes for each cartridge type. Based on this analysis, any differences, omissions, or discrepancies should be highlighted along with plans to resolve these issues. Attachment 009 is provided as a template to accomplish this.
- d) The offeror shall submit a listing of all energetic materials, lacquers and sealants utilized in the production of the various small caliber ammunition designs and packing configurations for review. While it is not necessary to submit the associated MSDS/CMTR's for these materials as part of the Offeror's proposal, these documents should be on file with the Offeror and should be readily available should the source selection team require additional information on a particular material.
- e) The offeror shall provide detailed evidence, which ensures that all proposed sub-contractors/vendors who supply small caliber ammunition/components and related items are in compliance or are capable of being in compliance with U.S. TDPs and specifications and configuration management practices and procedures.

3. Quality Management System:

- This solicitation will result in a contract that will require the offeror and suppliers/vendors to use a quality-management system (QMS) to ensure the quality of the contract items. The offeror shall submit a description of their proposed quality management system that addresses as a minimum the following areas:
- (1) The offeror must identify the name of the quality management system to be used, along with a description of that system, in enough detail to allow the Government to assess its suitability for use in performing the resulting contract. This is of particular importance if the proposed system is unique, using quality control methods and techniques that the offeror and/or suppliers/vendors have developed. The offeror should also identify whether or not their QMS is either certified to, or compliant with, an Industry Recognized Standard, such as ISO 9001-2000 or similar (this information should also be provided for all participating suppliers/vendors). The Offeror should also describe how they will flow down the QMS requirement to their supplier base.
  - (2) The description shall also include as a minimum:
    - Inspection System. Description of the Inspection system to be used, and an explanation of how this system will ensure full compliance to the TDP. This description should also address the offerors plans to address both TDP required inspections/tests, and any additional in-process inspections or tests that the offeror intends to use to ensure TDP compliance and product quality. These inspections and tests include all functional, non-functional and destructive tests and inspections performed by in-house, suppliers/vendors, and/or the Government or their designees. The offerors description of their inspection system must also address how they intend to convey the inspection system requirement to their suppliers.
    - Critical Safety Characteristics/Critical Defect Prevention and Control. A narrative describing how the offeror will comply with the critical safety characteristics/ critical defect clause(s) of the contract. This narrative must include and address all in-house and suppliers/vendors that will manufacture or further process components and/or assemblies that contain critical safety characteristics. Offeror should describe any experience that they may have managing programs containing critical safety characteristics in their components and/or final products.
    - Statistical Process Control (SPC). Description of the statistical process control methodology to be used in the performance of this contract. This description should address the identification and control of key process parameters, analysis techniques, identification of and recovery from negative process trends, and how product/process data will be utilized to make real time process adjustments to reduce/ control variability and ensure product quality. The offerors description should include their plans for conveying the SPC requirement to their supplier base.
    - Calibration System. Description of the calibration system and associated maintenance procedures. This description should provide evidence that the calibration system will yield inspection results that will be reliable and repeatable on a continuous basis for all measured/tested characteristics. The description should include the offerors plan for flowing down this methodology to their suppliers.
    - Material Control System. Description of the offerors material control system. This description should address how the

|                           |                                                                                                          |                       |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 95 of 103</b> |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|

**Name of Offeror or Contractor:**

in-process status of components, assemblies, and final product will be maintained at all points in the manufacturing process through final acceptance and end item delivery. The offeror should describe their plans for the segregation and control of non-conforming material. The offerors description should also include their plans for implementing and maintaining a material control system at their suppliers.

- Failure analysis. The offeror should describe their methodology for conducting failure analysis in event of product deficiencies or test failures. The description should include the offerors plan for flowing down this methodology to their suppliers.

PRICE

All prices for this acquisition shall be proposed in U.S. dollars.

The offeror is to submit two firm fixed price matrices for small caliber ammunition that may be acquired under the Basic Ordering Agreement - one that will include First Article Acceptance Test (FAAT) costs and one that will not include FAAT costs. The matrix with FAAT cost will be used for evaluation. The offeror shall separately identify the unit price of the round through packaging, and the unit price for shipping only. Unit shipping prices are required for four destinations: CONUS, Europe, Southwest Asia, and the Pacific. The offeror may propose up to four price ranges between the minimum and maximum quantities for each item (cartridge price and the four shipping destinations). The offeror shall use the same ranges for both the cartridge and shipping unit prices. In addition, the same ranges shall be used for both matrices.

Bidding templates for the matrices required above are provided as Attachments 011 and 012 of the solicitation (see Section J). The bidding templates must be completed and submitted as a part of the cost/price volume. The matrices shall be included as both a hard copy and an electronic copy. The electronic copy shall be submitted on a read-only CD-ROM (to prevent accidental erasures and changes).

The electronic version shall be compatible with Microsoft Office 1998. Instructions for the completion of the pricing matrix are specified in Attachment 010 of the solicitation (see Section J).

Offerors must submit with their proposal a list identifying any Government Owned Production and/or Research Property that they wish to use in performance of the contract. The list must include rental calculations in accordance with the Use and Charges provision, FAR 52.245-9, for each item of Government Owned Property. Offerors must also present evidence of authorization from the cognizant Government Contracting Officer for use of the Government Owned Production and/or Research Property on any contract resulting from this solicitation with their proposal.

OTHER WRITTEN INFORMATION

1. The contractor shall submit a financial plan showing how he/she plans to finance performance under any resulting contract. This plan shall also be submitted for major subcontractors. The financial plan and supporting information from major subcontractors may be sent to the Contracting Officer directly if the information contains proprietary information that is not to be shared with the prime contractor. However, the requirements contained elsewhere in this solicitation regarding late proposals applies to the direct submission of subcontractor plans and required information. At a minimum, the financial plan should provide the following information:

a) Copies of letters of credit or other financing provided by a financial institution, corporate guarantees or letters of commitment, etc. Merely identifying these statements is insufficient. Copies are required.

b) If the above are not solely for this procurement, provide information identifying what other contract actions and/or corporate needs are being supported by them, and the estimated amount that is associated with the other contract actions and/or corporate needs.

c) The most recent three years of the contractors financial statements (Income, Balance Sheet, and Cash Flow statements). If the contractor prepares footnotes to the statements, they shall be provided as well.

d) A copy of the current annual report if available.

e) Other information that may assist in determining the contractors financial capability.

2. The financial statements requested above should pertain to the business unit(s) that will actually be performing the work.

a) If the company to be performing the work is a division of a parent company where the parent company is financially responsible for the operations of the division, information for the parent company will suffice. In this case, the company should provide legal documentation to support the existence of such a relationship.

b) If the company to be performing the work is a subsidiary of a parent company where the parent company is not financially responsible for the operations of the subsidiary, information pertaining to the parent company is generally not a sufficient substitute unless one of two conditions exists:

|                                                              |                                                                                                                                                                |                                                          |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <p style="text-align: center;"><b>CONTINUATION SHEET</b></p> | <p style="text-align: center;"><b>Reference No. of Document Being Continued</b></p> <p style="text-align: center;">PIIN/SIIN W52P1J-05-R-0010      MOD/AMD</p> | <p style="text-align: center;"><b>Page 96 of 103</b></p> |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|

**Name of Offeror or Contractor:**

(1) The company obtains, and furnishes to the contracting officer, a written supplement to the CPA firm's existing statement regarding the parent company's financial statements. This supplement should state clearly that the independent auditor has reviewed the subsidiary's or division's financial statements as submitted in response to this RFP, and has found them to be an accurate representation of that business unit's financial condition as of the date of those statements.

(2) The parent company submits to the contracting officer, a letter of commitment or corporate guarantee, signed by an official with the authority to bind that firm, stating that it assumes financial responsibility for the performance of the subsidiary or subordinate company in the performance of this contract. In this event, the parent company must submit a copy of any letters of credit or other financing that will be used for this contract. If the letters of credit or other financing are solely for this procurement, provide information identifying what other contract actions and/or corporate needs are being supported by them, and the estimated amount that is associated with the other contract actions and/or corporate needs

3. If the company to be performing the work is a joint venture, limited liability company, or similar type of entity, the company should submit the financial statements of all the participating firms. This includes any financial statements, pro forma or otherwise that exist for the performing entity. The company should also submit legal documentation clearly disclosing the conditions of the business arrangement and the attendant financial terms.

4. The Government reserves the right to have the Defense Contract Audit Agency or other appropriate audit agency review the submitted information and/or obtain more information as necessary in order to assess the financial capability of the contractor.

PAST PERFORMANCE

1. Past Performance will be evaluated on both prime contractor and major subcontractor(s)/partner(s). The offerors proposal shall contain:
  - a) On-Time Deliveries: Offerors shall provide information regarding recent, relevant past performance in the area of timeliness of deliveries. The offeror must provide information for deliveries made, deliveries scheduled-to-be made, and deliveries rescheduled-to-be made during the period of recent past performance. Include all supporting information for verification purposes concerning all these covered deliveries, even though this supporting information may precede the period defined as recent below.
  - b) Quality: Offerors shall provide information on their recent, relevant performance in the area of quality assurance. This information should include but not be limited to Quality Deficiency Reports (QDRs), Request For Waiver (RFW), lot acceptance data, production problems encountered and resolved, testing failures, Customer required corrective actions etc. and quality assurance standards applied on recent, relevant contracts.

2. Recent, Relevant Past Performance: For the purpose of submitting proposals, recent is defined as occurring from three years prior to the solicitations initial closing date up until date of award. Relevant is defined as producing the same, similar or any ammunition items requiring the same or similar manufacturing processes, skills, abilities, and experience in systems integration and supply chain management to fulfill the requirements of a contracts. The offeror must submit all contract information (government, commercial, foreign military sales) that meets the criteria of the definition for Relevant. The contracting officer reserves the right to determine which contract information is relevant, though the contractor may highlight those they feel best showcases same/similar processes, skills and abilities. The Government reserves the right to evaluate data from all sources in the evaluating of past performance.

SMALL BUSINESS UTILIZATION

As required by DFARS 215.304, Small Business Utilization will be an evaluation factor under this source selection. The goal of the Small Business program is to encourage the creation of jobs in the U.S. Small Business sector.

1. All offerors (small, large and foreign) are required to identify the extent to which the following small businesses and educational institutions will be utilized in the contract:
  - a) Small Businesses (SBs), Veteran-Owned Small Business (VOSB), Service Disabled Veteran-Owned Small Business (SDVOSB), Small Disadvantaged Businesses (SDBs), Women-Owned Small Businesses (WOSBs), Historically Underutilized Business Zone (HUBZone) Small Businesses, hereinafter all referred to as SB; and
  - b) Historically Black Colleges, Universities and Minority Institutions (HBCU/MIs).
2. For Small Businesses, as identified by the size standard for the North American Industry Classification System (NAICS) Code applicable to this solicitation, the offeror's own participation as a SB or HBCU/MI is to be identified and will be considered in evaluating small business utilization.
3. Small Business Utilization



a) The offeror is to provide in the format below; company name, products/services and the estimated dollar value, type of SB, HBCU/MIs, Large Businesses who would participate in the proposed contract, estimated total SB subcontracting dollars, and the estimated total contract value.

|                           |               |                    |              |
|---------------------------|---------------|--------------------|--------------|
| SB TYPE                   | EST. \$ VALUE | PRODUCT OR SERVICE | COMPANY NAME |
|                           |               |                    |              |
| TOTAL SB\$                |               |                    |              |
| LARGE BUSINESS            | EST. \$ VALUE | PRODUCT OR SERVICE | COMPANY NAME |
|                           |               |                    |              |
| EST. TOTAL CONTRACT       | \$            |                    |              |
|                           |               |                    |              |
| EST. TOTAL SUBCONTRACTING | \$            |                    |              |
|                           |               |                    |              |

b) Realism - All offerors are to provide a detailed description of their methods used to promote, and monitor small business utilization, as prescribed by FAR 52.219--8, in contracts performed within three years prior to the initial solicitation closing date for the same or similar items.

(1) Large business offerors shall document their performance using information prescribed by FAR 52.219-9 Small Business Subcontracting Plan, in contracts within three years prior to the initial closing date, for the same or similar items.

(2) The documentation shall include their actual performance in utilizing SB and HBCU/MI contractors, such as the most recent SF 294 for each relevant contract.

(3) If the large business proposes substantially different small business utilization than experienced on similar work in the past, they must explain how they will accomplish that higher/lower proposed level.

(4) Large businesses that have not had a contract in the past three years incorporating FAR clause 52.219-9, shall so state.

|                           |                                                                                                          |                       |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b> | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 98 of 103</b> |
|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|

**Name of Offeror or Contractor:**

SECTION M - EVALUATION FACTORS FOR AWARD

For Local Clauses See: <http://www.afsc.army.mil/ac/aais/ioc/clauses/index.htm>

The following Federal Acquisition Regulation (FAR), DoD FAR Supplement clauses and provisions, the full text of which will be made available upon request, are incorporated herein by reference with the same force and effect as if set forth in full text.

The text of the clauses incorporated by reference herein are available from the contract specialist indicated in block 7 of the Standard Form 33 or (as applicable) the contracting officer and will be furnished upon request. Other documents are available as indicated in the schedule.

Any company/individual wishing to purchase a copy of the Federal Acquisition Regulation (FAR), the Army FAR Supplement or the DOD FAR Supplement, may do so from the Superintendent of Documents, US Government Printing Office, Washington DC 20402.

MA7001

|     | <u>Regulatory Cite</u> | <u>Title</u>                            | <u>Date</u> |
|-----|------------------------|-----------------------------------------|-------------|
| M-1 | 15.204-5(C)            | SECTION M, EVALUATION FACTORS FOR AWARD | OCT/1997    |

The following are the evaluation factors for award:

- Technical/Management
- Price
- Past Performance
- Small Business Utilization

(End of Provision)

(MF6012)

|     |          |                        |          |
|-----|----------|------------------------|----------|
| M-2 | 9.306(C) | FIRST ARTICLE APPROVAL | SEP/1995 |
|-----|----------|------------------------|----------|

- a. Evaluation of bids will be made on the proposed matrix with FAAT costs.
- b. Earlier delivery, if required in case of waiver of first article testing, shall not be a factor in evaluation for award.

(End of Provision)

(MF7007)

M-3 BASIS FOR AWARD

Award will be made to the offeror whose proposal is determined to provide the best value to the Government based on thorough evaluation of the evaluation criteria set forth below and the risk that the offeror will fulfill the requirements of the contract. The relative order of importance assigned to these evaluation factors/sub factors in determining the proposal that provides the best value to the Government, shall be as follows:

- A. Technical/Management
- B. Price
- C. Past Performance
- D. Small Business Utilization

Technical/Management is the most important Evaluation Factor and is significantly more important than the next most important evaluation factor, Price.  
Price is more important than Past Performance and Small Business Utilization combined.  
Past Performance is slightly more important than Small Business Utilization.  
Small Business Utilization is the least important evaluation factor.

|                                       |                                                                                                          |                       |
|---------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>CONTINUATION SHEET</b>             | <b>Reference No. of Document Being Continued</b><br><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page 99 of 103</b> |
| <b>Name of Offeror or Contractor:</b> |                                                                                                          |                       |

For the purposes of evaluation, the term offeror is defined as prime contractor and all participating suppliers/vendors.

M-4 PROPOSAL EVALUATION

Proposals will be evaluated as follows:

Technical/Management Approach addresses the offerors proposed plan by use of an Integrated Program/Supply Chain Management Plan, an integrated master schedule and a detailed Work Breakdown Structure (WBS) on how the offeror intends to arrange for the procurement and/or production, acceptance and delivery of up to 300 Million rounds of small caliber ammunition per year meeting U.S. TDP and military specification requirements for a fiveyear period. It also addresses the offerors plan to expand that capability to up to 500 Million rounds per year if needed. This capability must be based on the potential mix of small caliber ammunition configurations identified in the RFP. Technical/Management Approach consists of the following sub factors:

1. Integrated Program/Supply Chain Management
2. Configuration Management/Compliance to U.S. TDPs
3. Quality Management System

Of the Technical/Management sub factors, Integrated Program/Supply Chain Management is significantly more important than Configuration Management/Compliance to U.S. TDPs and Quality Management System. Configuration Management/Compliance to U.S. TDPs and Quality Management System are of equal importance.

Sub factor 1 Integrated Program/Supply Chain Management:

Offerors will be evaluated on their capability to deliver the 14 DODICs specified in SOW 3.11 and their capacity to meet and/or exceed the 9 DODICs specified in SOW 3.1. The offeror will also be evaluated on their identification of both primary and alternate sub-contractors/vendors for this capability and capacity and their ability to obtain necessary capacity and capabilities from the sub-contractors/vendors. Additionally, offerors will be evaluated on available capacity for the remaining 5 DODICs from SOW para 3.11 and/or their plan to provide the capability to deliver. The offeror will also be evaluated on their plan to account for a potential increase of up to 500 million cartridges per year.

Proposals will be evaluated based on:

1. The offeror's ability to describe their understanding of the Governments requirements and the thoroughness of a detailed WBS for meeting the Government's requirement to provide the capability and capacity to produce/procure, test, package and deliver up to 500M rounds of various calibers and packaging configurations of small caliber ammunition per year as described in this RFP. The evaluation will include an assessment of how the offeror plans for, schedules and identifies necessary resources and includes the identification and retention of necessary personnel, critical skills and qualifications.
2. The offeror's demonstrated experience with supply chain management of multi-faceted in-house production and their subcontractors/vendors for the procurement/production, acceptance, packaging and delivery of ammunition items.
3. Completeness and adequacy of the offerors integrated program/supply chain management master plan and integrated master schedule to address the tasks, durations, dependencies and sequencing of all actions and events necessary to with the requirements of the SOW and this RFP.

The evaluation will include an assessment of how the integrated program/supply chain management master plan and integrated master schedule describes 1) how the offeror manages their subcontractors, 2) assures the timely horizontal and vertical flow of information between and among their internal operations, in-house production, suppliers/vendors and government representatives 3) plans and schedules production, 4) identifies significant risk items, single source/single point failures, and plans and implements risk mitigation activities, 5) tests components and assemblies, 6) collects and analyzes test data, 7) conducts engineering studies, 8) assures cartridge level TDPs and specifications are met, 9)resolves manufacturing or quality issues, and 10) manages corrective actions across all sub-contractors/producers.

Integrated Program/Supply Chain Management will be rated on the basis of program risk, (High, Medium or Low) to the categories listed below:

Exceptional/Risk Assessment: A high probability of meeting the SOW and Contract Requirements.

Good/Risk Assessment: A medium probability of meeting the SOW and Contract Requirements judged to be borderline-adequate to accomplish the task. Some difficulties could be encountered.

Poor/Risk Assessment: A low probability of meeting the SOW and Contract Requirements judged inadequate to accomplish the task.

|                                                              |                                                                                                                                                                |                                                          |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <p style="text-align: center;"><b>CONTINUATION SHEET</b></p> | <p style="text-align: center;"><b>Reference No. of Document Being Continued</b></p> <p style="text-align: center;">PIIN/SIIN W52P1J-05-R-0010      MOD/AMD</p> | <p style="text-align: center;"><b>Page100 of 103</b></p> |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|

**Name of Offeror or Contractor:**

Difficulties will be expected.

Sub factor 2 Configuration Management/Compliance to U.S. TDP

Offerors will be evaluated on the following:

1. Understanding and experience of the offeror and their suppliers/vendors with US Technical Data Packages (TDPs), Military Specifications and configuration management principles (or equivalent understanding/experience) and their ability to apply this experience to the DODICs specified within this solicitation.
2. Procedures for communicating disposition of configuration management actions between and within their in-house production and suppliers/vendors.
3. Analysis of differences between the US TDP/Military Specifications and items currently produced both in-house and by their subcontractors/partners and how they plan to address identified differences, omissions and discrepancies.
4. Types of energetic materials, lacquers and sealants proposed to be utilized in the production of the various small caliber ammunition designs and packing configurations identified through a confirmatory review and identification of potential hazardous materials (such as Ozone Depleting Compounds) which may require identification of alternative materials, further monitoring, or waivers.
5. Plans to ensure that all proposed sub-contractors/vendors who supply small caliber ammunition/components and related items will be in compliance with U.S. TDPs and specifications and/or configuration management practices.

Configuration Management/Compliance to U.S. TDP will be rated on the basis of program risk, (High, Medium or Low) to the categories listed below:

1. Exceptional/Risk Assessment: A high probability of conforming to US Configuration Management practices, meeting the SOW and Contract Requirements, and demonstrated evidence of ability to meet US TDP/Military Specification requirements.
2. Good/Risk Assessment: A medium probability of conforming to US Configuration Management practices, meeting the SOW and Contract Requirements, and demonstrated evidence of ability to meet US TDP/Military Specification requirements. Minor difficulties could be encountered with achieving the task.
3. Poor/Risk Assessment: A low probability of conforming to US Configuration Management practices, meeting the SOW and Contract requirements, and demonstrated evidence of ability to meet US TDP/Military Specification requirements. Difficulties would be expected with achieving the task.

Sub-Factor 3 Quality Management System

The Quality Management System will be rated on the basis of its approach and consistency with respect to lowering overall program risk from a quality management and process control perspective.

The Quality Management System will be rated on the basis of program risk (High, Medium or Low) according to the categories listed below:

1. Exceptional/Risk Assessment: A high probability of meeting the Quality requirements of the Statement of Work and the Contract
2. Good/Risk Assessment: A medium probability of meeting the Quality requirements of the Statement of Work and the Contract; judged to be borderline-adequate to accomplish the tasks. Some difficulty could be encountered.
3. Poor/Risk Assessment: A low probability of meeting the Quality requirements of the Statement of Work and the Contract; judged inadequate to accomplish the tasks. Difficulties can be expected.

Proposals will be evaluated based upon the following:

- 1) The Second Source Prime Contractors level of certification and/or compliance with ISO 9001-2000 or an equivalent quality management system, and their ability to meet and flow down to their supplier base the provisions of the Contract Quality Requirements.
- 2) The Second Source Prime Contractors suppliers/vendors level of certification and/or compliance with ISO 9001-2000 or an equivalent quality management system, and their ability to meet the Contract Quality Requirements.
- 3) The offerors description of their methodology for communicating TDP and inspection requirements to all participating suppliers; and their plans for establishing and maintaining an inspection system at all supplier facilities that controls all listed and key characteristics, and ensures full compliance with the technical data package.

|                                                              |                                                                                                                                                                |                                                          |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <p style="text-align: center;"><b>CONTINUATION SHEET</b></p> | <p style="text-align: center;"><b>Reference No. of Document Being Continued</b></p> <p style="text-align: center;">PIIN/SIIN W52P1J-05-R-0010      MOD/AMD</p> | <p style="text-align: center;"><b>Page101 of 103</b></p> |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|

**Name of Offeror or Contractor:**

4) The offerors description of their plan to meet the critical defect requirements of this contract, and how this plan will prevent and control the occurrence of critical defects. The proposal will be rated with respect to experience that the offeror may have managing programs containing critical safety characteristics in their components and/or final products.

The offerors plan will also be evaluated for provisions that ensure that critical defect requirements are properly communicated and flowed down to all applicable suppliers.

5) The offerors description of their SPC methodology and techniques that will be utilized during the performance of this contract, for both proactive and reactive situations that may be encountered. Offeror will also be evaluated on their plans to communicate and flow down SPC requirements to their suppliers.

6) The offerors description of their proposed calibration system requirements and how this system will ensure reliable and repeatable test and inspection results on a continuous basis throughout the performance of this contract. Offeror will also be evaluated on their plans to flow down calibration system requirements to their supplier facilities.

7) The offerors description of their proposed material control system requirements, and how this system will track and maintain the inspection status of all in-process and completed material. Plans for the segregation and control of non-conforming material will also be evaluated. The offerors description will be evaluated on its provisions to flow down the material control system requirement to their supplier facilities.

8) The offerors description of their plans for conducting failure investigations and associated corrective actions, and how these plans will be implemented at the supplier facilities.

PRICE

Offerors are required to provide two separate matrices - one that will include First Article Acceptance Test (FAAT) costs and one that will not include FAAT costs. The matrix with FAAT cost will be used for evaluation.

The Government will evaluate the price proposals based on the following:

1. The Government will develop a Best Estimated Quantity (BEQ) for each DODIC in the solicitation. The BEQ represents the Governments best estimate of the quantity to be procured. In addition, quantities lower and higher than the BEQ will be developed for evaluation purposes. Their function is to evaluate potentially different prices offered for quantities at points other than the BEQ to provide some objective measure of assessing pricing at other quantities. The three quantities (BEQ, low, and high) are hereafter referred to as the evaluation points.

2. Each DODIC will be evaluated as follows:

a) For each of the six ordering periods and each destination, the Government will add the cartridge and shipping unit prices that corresponds to the evaluation points. The resulting sums are the total unit prices for each destination and year.

b) The total unit prices calculated above will then be multiplied by their respective evaluation point quantities and destination confidence levels (probability that the Government will ship to each location). The confidence level for the CONUS destination is the most heavily weighted. Its weight is substantially higher than any of the other three destinations, which are equal in weight. The destination confidence levels add up to 100 percent. The resulting products are the total price for each year and each destination.

c) The total prices calculated above will then be added together. The resulting sum for each of the three evaluation points will be multiplied by the quantity confidence level applicable to each point. The resulting product is the weighted total price for the evaluation point. The quantity confidence level for each evaluation point represents an estimate of the likelihood of an actual award at that evaluation point and is used to develop the expected value for the DODIC.

The three quantity confidence levels for the evaluation points add up to 100 percent.

d) The weighted total price for each of the three quantity evaluation points will be added together to arrive at the grand total DODIC price.

3. Upon completion of the above steps, each of the grand total DODIC prices will be multiplied by a weight representing the procurement confidence level established for that DODIC. The purpose of the procurement confidence level is to reflect the Governments current plans for procurements.

4. The prices developed above are then added together to arrive at a single total evaluated price. To this price will be added any other evaluation factors as required by the solicitation (e.g., Rent Free Use of Government property). The resulting price will be the evaluated price to be used for comparison purposes among the offerors. An example illustrating the above steps is attached (see Section J, attachment 013).

|                                       |                                                                                                      |                               |
|---------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------|
| <b>CONTINUATION SHEET</b>             | <b>Reference No. of Document Being Continued</b><br><b>PIIN/SIIN</b> W52P1J-05-R-0010 <b>MOD/AMD</b> | <b>Page</b> 102 <b>of</b> 103 |
| <b>Name of Offeror or Contractor:</b> |                                                                                                      |                               |

5. In accordance with FAR 15.404-1(g), i.e., Unbalanced Pricing, a proposal may be rejected if the Contracting Officer determines the lack of balance poses an unacceptable risk to the Government.

Price Analysis shall be used to determine price reasonableness. Additional analysis techniques may be used as determined necessary by the Procuring Contracting Officer or Source Selection Authority. These methods of evaluation may include the use of information/input from sources such as (but not necessarily limited to) other Government agencies and personnel.

Financial Capability information will be evaluated for responsibility determination only.

PAST PERFORMANCE

Past Performance shall be evaluated only on past performance data. The Government will review data for the prime contractor and all primary and secondary sub contractor/vendors that will be used to meet the requirements of the SOW. Assumptions, preconceived ideas, and personal knowledge or opinions for these factors not supported by verifiable data will not be considered or used as a basis for evaluation. The Governments evaluation of Past Performance may include data/information from sources other than those provided with the offerors proposal.

Sources available to the Government other than the contractors proposal will be used to evaluate past performance. Sources such as, but not limited to, contracting and pre-award offices at other commands may be used to gather information used to gather information. In addition, the Government has the right to consider information regarding contractor performance up to the date of award.

The offerors past performance will be evaluated in terms of on-time deliveries and quality of performance. The Government will evaluate all relevant quality issues that it discovers during the period of recent performance, regardless of when the actual delivery was made.

Past Performance will be rated on the basis of program risk, (High, Medium or Low) to the categories listed below:

Exceptional/Risk Assessment: A high probability of meeting the on-time deliveries and quality described in the SOW.

Good/Risk Assessment: A medium probability of meeting the on-time deliveries and quality described in the SOW. Some difficulties could be encountered.

Neutral/Risk Assessment: No determination on the probability of meeting the on-time deliveries and quality described in the SOW could be made on the Offeror due no contract information by which Recent, Relevant Past performance can be rated.

Poor/Risk Assessment: A low probability of meeting the on-time deliveries and quality described in the SOW. Difficulties will be expected.

SMALL BUSINESS UTILIZATION

As required by DFARS 215.304, Small Business Utilization will be an evaluation factor under this source selection. The goal of the Small Business program is to encourage the creation of jobs in the U.S. Small Business sector.

1. The Government will evaluate all offerors (small, large and foreign) proposed utilization of:

- A. Small Business (SB)
- B. Small Disadvantaged Business (SDB)
- C. Women-Owned Small Business (WOSB)
- D. Veteran-Owned Small Business (VOSB)
- E. Service Disabled Veteran-Owned Small Business (SDVOSB)
- F. Historically Underutilized Business Zone Small Business (HUBZone) hereinafter all to be referred to as SB; and
- G. Historically Black Colleges and Universities/Minority Institutions (HBCU/MI).

2. For Small Businesses, as identified by the size standard for the North American Industry Classification System (NAICS) applicable to this solicitation, the offerors own participation as a SB or HBCU/MI is to be identified and will be considered in evaluating small business utilization.

3. The Government will evaluate the extent to which an offeror identifies and commits to utilizing SB and HBCU/MI in the performance of the proposed contract as well as how well it has performed in this regard in the past. Such utilization may be as the contractor, a subcontractor, or as a member of a joint venture or teaming arrangement. The elements to be evaluated are:

- a) Complexity of specific products or services that will be provided by those SBs and HBCU/MIs.

|                    |                                           |         |                |
|--------------------|-------------------------------------------|---------|----------------|
| CONTINUATION SHEET | Reference No. of Document Being Continued |         | Page103 of 103 |
|                    | PIIN/SIIN W52P1J-05-R-0010                | MOD/AMD |                |

Name of Offeror or Contractor:

a) The extent of Small Business participation in terms of value of the total contract.

4. Realism - The Government will evaluate the offerors actual past performance in achieving the proposed small business utilization on contracts performed within three years prior to the initial solicitation closing date for same or similar items to assess the realism of proposed small business utilization. This evaluation will include an assessment of:

a) The offeror's performance as prescribed by the Federal Acquisition Regulation (FAR) clause 52.219-8, Utilization of Small Business Concerns.

b) For large business offerors, their performance as prescribed by FAR 52.219-9, Small Business Subcontracting Plan. This includes evaluation of the offerors actual performance in meeting SB and HBCU/MI subcontracting goals. Large businesses that have not held a contract in the past three years that included FAR 52.219-9, will be evaluated against FAR 52.219-8 only.

Note: Offerors without a record of past performance in small business utilization will not be considered favorably or unfavorably in developing a realism assessment. The fact that the offeror has no past performance in small business utilization will be noted for the Source Selection Authority.

\*\*\* END OF NARRATIVE M 001 \*\*\*